重组人MSS51蛋白

Recombinant MSS51 protein (His tag)

目录号 Catalog Number	547398
同用名 Synonyms	Zinc finger MYND domain-containing protein 17
种属 Species	Human
表达系统 Expression System	E. coli
蛋白编号 Accession	Q4VC12
分子量 Molecular Weight	Predictes a molecular mass of 48.80 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 49 kDa band.

产品信息

氨基酸序列 Amino Acid Sequence	MNHKVGPSID TLGFFSLDDN VPGLSQLILQ KLNMKSYEEY KLVVDGGTPV SGFGFRCPQE MFQRMEDTFR FCAHCRALPS GLSDSKVLRH CKRCRNVYYC GPECQKSDWP AHRRVCQELR LVAVDRLMEW LLVTGDFVLP SGPWPWPPEA VQDWDSWFSM KGLHLDATLD AVLVSHAVTT LWASVGRPRP DPDVLQGSLK RLLTDVLSRP LTLGLGLRAL GIDVRRTGGS TVHVVGASHV ETFLTRPGDY DELGYMFPGH LGLRVVMVGV DVATGFSQST STSPLEPGTI QLSAHRGLYH DFWEEQVETG QTHHPDLVAA FHPGFHSSPD LMEAWLPTLL LLRDYKIPTL ITVYSHQELV SSLQILVELD THITAFGSNP FMSLKPEQVY SSPNKQPVYC SAYYIMFLGS SCQLDNRQLE EKVDGGILEH HHHHH
性状 Form	冻干粉末 Lyophilized powder
组分 Formulation	Lyophilized from sterile PBS, pH 7.4
纯度 Purity	>90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
内毒素 Endotoxin	Not tested.
活性 Activity	Not tested.
稳定性 Stability	Samples are stable for up to twelve months from date of receipt at -70℃
蛋白构建 Protein Construction	DNA encoding 39-460 aa (Q4VC12) were fused with C-terminal 6His tag.

保存与运输

复溶 Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
储存 Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
运输 Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

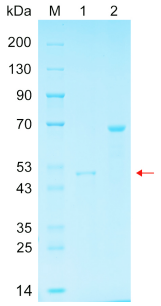
功能描述

研究背景 Background

Recombinant Human Putative Protein MSS51 Homolog, Mitochondrial (Zinc Finger MYND Domain-Containing Protein 17) Fragment (39-460) is a high-quality, stable, and soluble protein fragment designed for structural and biochemical studies. This 422-amino acid fragment, derived from the MSS51 gene, is computationally optimized to facilitate research into mitochondrial protein function and interactions.
The full-length Putative Protein MSS51 Homolog, encoded by the MSS51 gene in Homo sapiens, is a mitochondrial protein containing a Zinc finger MYND domain. While specific functional details and subcellular localization beyond its mitochondrial association are not fully characterized, proteins with MYND domains are typically involved in protein-protein interactions and transcriptional regulation. This recombinant fragment provides a valuable tool for investigating the molecular mechanisms and potential roles of MSS51 in cellular processes.

验证数据

SDS-PAGE



Recombinant MSS51 protein (His tag) SDS-PAGE
M: Marker; Lane 1: MSS51; Lane 2: BSA