重组小鼠mIL-38蛋白

mouse IL1F10/IL-38 (Interleukin-38), C-his tag

目录号 Catalog Number	552107
同用名 Synonyms	Kinesin-like protein 6; Mitotic centromere-associated kinesin; MCAK
种属 Species	Mouse
表达系统 Expression System	E.coli
蛋白编号 Accession	Q8R459
分子量 Molecular Weight	18.13 KDa

产品信息

氨基酸序列 Amino Acid Sequence	MCSLPMARYY IIKDAHQKAL YTRNGQLLLG DPDSDNYSPE KVCILPNRGL DRSKVPIFLG MQGGSCCLAC VKTREGPLLQ LEDVNIEDLY KGGEQTTRFT FFQRSLGSAF RLEAAACPGW FLCGPAEPQQ PVQLTKESEP STHTEFYFEM SRLEHHHHHH
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℃
预测 N 端 Predicted N-terminal	Met
蛋白构建 Protein Construction	A DNA sequence encoding the mouse IL-38 (NP_694717.1) 1-152 aa was fused with the C-terminal 6xHis tag

保存与运输

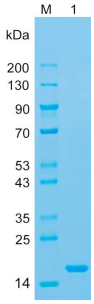
复溶 Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution 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	This product is a full-length recombinant mouse Interleukin-38 (IL-38/IL1F10) protein fused with a C-terminal 6×His tag. The protein is heterologously expressed and purified from Escherichia coli expression system, featuring high purity, stable biological activity and excellent batch-to-batch consistency. Mouse IL-38, also known as IL1F10, is a member of the interleukin-1 cytokine family, which acts as a key negative regulator of inflammatory and immune responses, participating in the regulation of innate immunity, inflammatory diseases and immune homeostasis.

验证数据

SDS-PAGE



Recombinant IL1F10/IL-38 protein (His tag) SDS-PAGE
M: Marker; Lane 1: IL1F10/IL-38.