

Recombinant Mouse Il1f10 Protein (Met1-Arg152), C-His tagged, Animal-free, Carrier-free

Cat. No. Il1f10-82M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il1f10 Protein (Met1-Arg152) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Arg152
Description	Interleukin 38 (IL-38) is a 16.87 kDa cytokine with 152 amino acid residues and a member of the interleukin-1 (IL-1) family. IL-38 is primarily secreted from basal epithelia of the skin and B cells of the tonsil, spleen, and thymus. It plays essential roles in inflammation and host defense by mediating NF-κB, AP1, and JNK signaling pathways when IL-38 binds to the receptors like IL1RAPL1 and IL-36R. In addition, IL-38 participates in down-regulating cell proliferation, migration, and up-regulating IL-6 and IL-10.
Form	Lyophilized
Molecular Mass	The protein has a calculated MW of 17.89 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	Il1f10 interleukin 1 family, member 10 [Mus musculus (house mouse)]
Official Symbol	Il1f10
Synonyms	IL1F10; interleukin 1 family, member 10; interleukin-1 family member 10; IL-1F10; interleukin 1 family, member 7; MGC130267; MGC130268;
Gene ID	215274
mRNA Refseq	NM_153077
Protein Refseq	NP_694717

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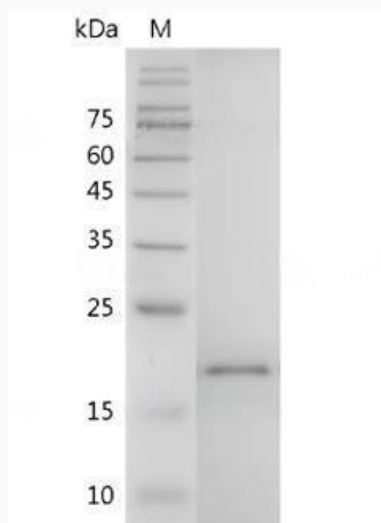
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UniProt ID

Q8R459

**SDS-PAGE analysis
of recombinant
mouse IL-38.**



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