Recombinant Mouse Sdf2 protein(Met1-Leu211), His-tagged

Cat. No. Sdf2-7018M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SDF2 (Q9DCT5) (Met 1-Leu 211) was expressed in Insect Cells,with a C-terminal polyhistidine tag.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Leu211
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse SDF2 consists of 203 amino acids and has a calculated molecular mass of 22.8 kDa. It migrates as an approximately 27 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Sdf2 stromal cell derived factor 2 [Mus musculus]
Official Symbol	Sdf2
Synonyms	SDF2; stromal cell derived factor 2; stromal cell-derived factor 2; SDF-2; AI853825; MGC107120;
Gene ID	20316
mRNA Refseq	NM_009143
Protein Refseq	NP_033169

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