Recombinant SDF2L protein (His tag)

Catalog Number	548302
Synonyms	SDF2-like protein 1; PWP1-interacting protein 8
Species	Human
Expression System	E. coli
Accession	Q9HCN8
Molecular Weight	Predictes a molecular mass of 22.21 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 22 kDa band.

Product Information

Sequence Region	33-221
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 33-221 aa (Q9HCN8) were fused with 6His tag.

Storage & Handling

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.
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.
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.

Description

Description	Recombinant Human SDF2L1 Protein Fragment (33-221) is a high-purity, biologically active fragment of Stromal cell-derived factor 2-like protein 1, designed to encompass the MIR 1, MIR 2, and MIR 3 domains. This product serves as an essential tool for researchers investigating the specific functions and interactions of these conserved domains in cellular processes. Stromal cell-derived factor 2-like protein 1 (SDF2L1), also known as PWP1-interacting protein 8, is encoded by the SDF2L1 gene in humans. The full-length protein is localized to the endoplasmic reticulum lumen, as indicated by its subcellular location annotation. This localization suggests a potential role in protein folding, quality control, or secretory pathway functions within the ER. The recombinant fragment provided allows focused study of the MIR domains, which are implicated in molecular recognition and interaction mechanisms, without interference from other protein regions.