

Stromal Cell-Derived Factor 2 Human Recombinant

Item Number	rAP-0257
Synonyms	Stromal cell-derived factor 2, SDF-2.
Description	SDF2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 216 amino acids (19-211 a.a) and having a molecular mass of 23.7kDa. SDF2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q99470
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSSSLGVVT CGSVVKLLNT RHNVRLHSHD VRYGSGSGQQ SVTGV-TSVDD SNSYWRIRGK SATVCERGTP IKCGQPIRLT HVNTGRNLHS HHFTSPLSGN QEVSAGGEEG EGDYLDWTV LCNGPYWVRD GEVRFKHSST EVLLSVTGEQ YGRPISGQKE VHGMAPSQN NYW-KAMEGIF MKPSELLKAE AHHAEL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	SDF2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**