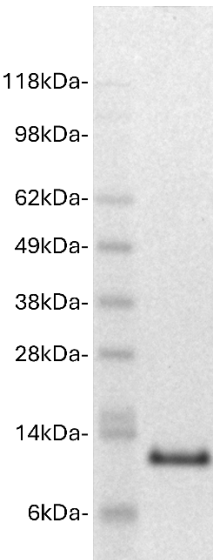


Stromal cell-derived factor 1 (SDF-1) beta is a member of the CXC chemokine family and a ligand for the chemokine receptor CXCR4. SDF-1 β is critical in the development of the central nervous system as well as the development of the heart. SDF-1 β is also involved in HIV infection and chronic inflammatory disorders.

Description	
Source	E. coli, Lys22-Met93, with N-terminal His Tag
UniProt	P40224
Purity	99% SDS-PAGE
Predicted Molecular Mass	10.8 kDa
SDS-PAGE	11.3 kDa
Formulation	Lyophilized from 1X PBS with Trehalose
Preparation and Storage	
Reconstitution	Reconstitute at 10 μ g/mL in sterile PBS containing at least 0.1% protein
Shipping	Ambient
Storage	2 years at -80°C; 2 years at -20°C or 4°C Upon reconstitution: 2 years at -80°C; 2 years at -20°C
Expiration	2 years from date of receipt
 <p>Mouse SDF-1β (2μg) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.</p>	

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Ampersand Biosciences products may not be sequenced, reverse engineered, or investigated in any way to determine composition without the expressed written consent of Ampersand Biosciences.