Recombinant Human SH2D1A/SAP Protein (His Tag)

Catalog Number: PKSH033379

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

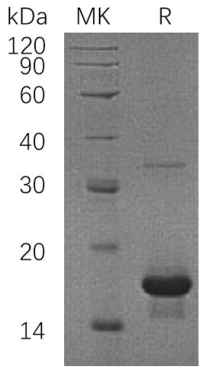
Description

Species	Human
Source	E.coli-derived Human SH2D1A/SAP protein Met 1-Pro128, with an N-terminal His
Calculated MW	16.4 kDa
Observed MW	16 kDa
Accession	O60880
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

SH2 Domain-Containing Protein 1A,(SH2D1A) contains one SH2 domain and a short tail and is localized in the cytoplasm. SH2D1A is expressed at a high level in the thymus and the lung, with lower expression levels in the spleen and the liver. SH2D1A acts as an inhibitor of the signaling lymphocyte activation molecule (SLAM) self-association. In addition, SH2D1A mediates interaction between FYN and SLAMF1. It is also thought to regulate the activity of the neurotrophin receptors NTRK1, NTRK2 and NTRK3.

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