
Product Data Sheet

Product Name: PLEKHF2 Human
 Cat. No.: GP24195
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	EAPF; PHAFIN2; ZFYVE18; Pleckstrin homology domain-containing family F member 2; PH domain-containing family F member 2; Endoplasmic reticulum-associated apoptosis-involved protein containing PH and FYVE domains; PH and FYVE domain-containing protein 2; Zinc finger FYVE domain-containing protein 18; PLEKHF2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMVDRLAN SEANTRRISI VENCFGAAGQ PLTIPGRVLI GEGVLTKLCR KKP KARQFFL FNDILVYGNI VIQKKKYNKQ HIIPLENTVI DSIKDEGDLR NGWLIKPTK SFAVYAATAT EKSEWMNHIN KCVTDLLSKS GKTPSNEHAA VWVPDSEATV CMRCQKAKFT PVNRRHHCRK CGFVVCGPCS EKRFLPSQS SKPV RICDFC YDLLSAGDMA TCQP ARSDSY SQSLKSPLND MSDDDDDDDS SD.		
Formulation	PLEKHF2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

Pleckstrin Homology Domain Containing Family F Member 2, also known as PLEKHF2, contains 1 FYVE-type zinc finger and 1 PH domain. PLEKHF2 takes part in early endosome fusion upstream of RAB5, regulates receptor trafficking and fluid-phase transport. PLEKHF2 increases cellular sensitivity to TNF-induced apoptosis.

Stability

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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PLEKHF2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 272 amino acids (1-249 a.a) and having a molecular mass of 30.2kDa. PLEKHF2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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