

ERLIN2, 25-339aa, Human, His tag, E.coli

Cat.NO.: TP02045

3th Edition

Synonyms: Erlin-2, C8orf2, Erlin-2, NET32, SPFH2, SPG18

Description: ERLIN2, also known as SPFH2, is SPFH domain-containing proteins that belong to the prohibitin family. Also, this protein is a ubiquitously expressed 339 amino acid protein that belongs to the band 7/mec-2 family. Localized to lipid raft-like domains in the membrane of the endoplasmic reticulum (ER), ERLIN2 plays a crucial role in the ER-associated degradation (ERAD) pathway that removes metabolically regulated and aberrant proteins from the ER.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 20% glycerol

Molecular Weight: 37.8 kDa (338aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSKIEEGHIGVYYRGGALLTSTSGPGFHLMLPFITSYKSVQTTLQTDEVKNVPC
GTSGGVMIYFDRIEVVNFLVPNAVYDIVKNYTADYDKALIFNKIHHELNQFCSVHTLQEVYIELFDQIDENLKLALQQD
LTSMAPGLVIQAVRVTKPNIPEAIRRNYELMESEKTKLLIAAQKQKVVEKEAETERKKALIEAEKVAQVAEITYGQKVM
EKETEEKISEIEDAAFLAREKAKADAECYTAMKIAEANKLKLTPEYLQLMKYKAIASNSKIYFGKDIPNMFMD SAGSVS
KQFEGLADKLSFGLEDEPLETATKEN

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.