# NKMAXBio We support you, we believe in your research

# Recombinant human ERLIN2 protein

Catalog Number: ATGP1782

#### PRODUCT INFORMATION

### **Expression system**

E.coli

#### **Domain**

25-339aa

#### UniProt No.

094905

#### **NCBI Accession No.**

NP 009106

#### **Alternative Names**

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

#### PRODUCT SPECIFICATION

#### **Molecular Weight**

37.8 kDa (338aa)

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 2M urea, 20% glycerol

#### **Purity**

> 95% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE, Denatured

### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **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. Recombinant human ERLIN2 protein, fused to His-tag at N-terminus, was expressed in E. coli.



# NKMAXBio We support you, we believe in your research

# Recombinant human ERLIN2 protein

Catalog Number: ATGP1782

### **Amino acid Sequence**

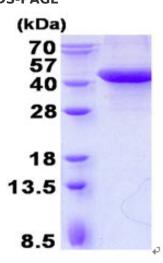
MGSSHHHHHH SSGLVPRGSH MGSKIEEGHI GVYYRGGALL TSTSGPGFHL MLPFITSYKS VQTTLQTDEV KNVPCGTSGG VMIYFDRIEV VNFLVPNAVY DIVKNYTADY DKALIFNKIH HELNQFCSVH TLQEVYIELF DQIDENLKLA LQQDLTSMAP GLVIQAVRVT KPNIPEAIRR NYELMESEKT KLLIAAQKQK VVEKEAETER KKALIEAEKV AQVAEITYGQ KVMEKETEKK ISEIEDAAFL AREKAKADAE CYTAMKIAEA NKLKLTPEYL QLMKYKAIAS NSKIYFGKDI PNMFMDSAGS VSKQFEGLAD KLSFGLEDEP LETATKEN

#### **General References**

Browman D T., et al. (2006) J Cell Sci. 119:3149-60. Ikeqawa S., et al. (1999) Cytogenet Cell Genet. 85:227-231.

## **DATA**





3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)+