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ERLIN2 Human

Catalog #:PRPS-1273

For research use only.

Description:ERLIN2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 338 amino acids (25-339 a.a) and having a molecular mass of 37.8 kDa.ERLIN2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms: Erlin-2, Endoplasmic reticulum lipid raft-associated protein 2, Stomatin-prohibitin-flotillin-HflC/K domain-containing protein 2, SPFH domain-containing protein 2,ERLIN2, C8orf2, SPFH2, UNQ2441, PRO5003, PRO9924, NET32, SPG18.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

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 KV

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:
ERLIN2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2M Urea and 20% glycerol.

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
ER Lipid Raft Associated 2 (ERLIN2) is a domain-containing protein which is a member of the band 7/mec-2 family. ERLIN2 is a ubiquitously expressed 339 amino acid protein.ERLIN2 which is localized to the lipid raft-like domains in the membrane of the endoplasmic reticulum (ER), plays a key role in the ER-associated degradation (ERAD) pathway that eliminates metabolically regulated and abnormal proteins from the ER.

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