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Recombinant human ERGIC3 protein

Catalog Number: ATGP2930

PRODUCT INFORMATION

Expression system

E.coli

Domain

47-341aa

UniProt No.

O9Y282

NCBI Accession No.

NP 057050

Alternative Names

Endoplasmic reticulum-Golgi intermediate compartment protein3, Endoplasmic reticulum-Golgi intermediate compartment protein3, C20orf47, CGI-54, dJ477O4.2, Erv46

PRODUCT SPECIFICATION

Molecular Weight

36.1 kDa (318aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol, 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

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

ERGIC3 belongs to ERGIC family and interacts with ERGIC1/ERGIC32. This protein possibly plays a role in transport between endoplasmic reticulum and Golgi. Recombinant human ERGIC3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>QYYLTTE VHPELYVDKS RGDKLKINID VLFPHMPCAY LSIDAMDVAG



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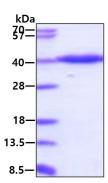
EQQLDVEHNL FKQRLDKDGI PVSSEAERHE LGKVEVTVFD PDSLDPDRCE SCYGAEAEDI KCCNTCEDVR EAYRRRGWAF KNPDTIEQCR REGFSQKMQE QKNEGCQVYG FLEVNKVAGN FHFAPGKSFQ QSHVHVHDLQ SFGLDNINMT HYIQHLSFGE DYPGIVNPLD HTNVTAPQAS MMFQYFVKVV PTVYMKVDGE VLRTNQFSVT RHEKVANGLL GDQGLPGVFV LYELSPMMVK LTEKHRSF

General References

Scanlan M.J., et al. (2001) Cancer Immun. 1:4-4

DATA

SDS-PAGE



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

