

# Recombinant human ERGIC3 protein

Catalog Number: ATGP2930

## PRODUCT INFORMATION

**Expression system**

E.coli

**Domain**

47-341aa

**UniProt No.**

Q9Y282

**NCBI Accession No.**

NP\_057050

**Alternative Names**

Endoplasmic reticulum-Golgi intermediate compartment protein3, Endoplasmic reticulum-Golgi intermediate compartment protein3, C20orf47, CGI-54, dJ47704.2, 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**

&gt; 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**

&lt;MGSSHHHHHH SSGLVPRGSH MGS&gt;QYYLTTE VHPELYVDKS RGDKLKINID VLFPHMPCAY LSIDAMDVAG

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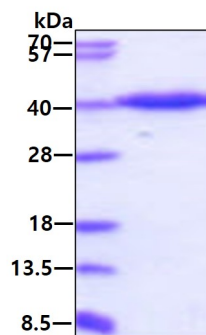
EQQLDVEHNL FKQRLDKDGI PVSSEAERHE LGKVEVTVFD PDSLDPDRCE SCYGAEAEDI KCCNTCEDVR EAYRRRGWAF  
KNPDTIEQCR REGFSQKMQE QKNEGCQVYG FLEVNKVAGN FHFAPGKSFQ QSHVHVHDLQ SFGLDNINMT HYIQHLSFGE  
DYPGIVNPLD HTNVTAPQAS MMFQYFVKVV PTVYMKVDGE VLRTNQFSVT RHEKVANGLL GDQGLPGVFV LYELSPMMVK  
LTEKHRSF

### 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.