

ERGIC3, 47-341aa, Human, His tag, E.coli

Cat.NO.: TP02043

3th Edition

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

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.

Form:Liquid. In PBS buffer (pH 7.4) containing 10% glycerol, 1mM DTT

Molecular Weight:36.1kDa (318aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSQYYLTTEVHPELYVDKSRGDKLKINIDVLFPHMPCAYLSIDAMDVAGEQQLD
VEHNLFKQRLDKDGIPVSSEAERHELKVEVTVFDPDSLDPDRCESCYGAEAEEDIKCCNTCEDVREAYRRRGWAF
KNPDTIEQCRREGFSQKMQEQKNEGCQVYGFLEVNVKVFAGNFHFAPGKSFQQSHVHVHDLQSFGLDNINMTHYIQ
HLSFGEDYPGIVNPLDHTNVTAPQASMMFQYFVKVPTVYMKVDGEVLR TNQFSVTRHEKVANGLLDGQGLPGVVF
VLYELSPMMVKLTEKHRSF

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.