

Recombinant Human golgi to ER traffic protein 4 homolog (S. cerevisiae), His-tagged

Cat. No. GET4-462H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GET4, 1-327aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-327 a.a.
Description	GET4 is a component of the BAT3 complex, a multiprotein complex involved in the post-translational delivery of tail-anchored (TA) membrane proteins to the endoplasmic reticulum membrane. TA membrane proteins, also named type II transmembrane proteins, contain a single C-terminal transmembrane region. The complex acts by facilitating TA proteins capture by ASNA1/TRC40: it is recruited to ribosomes synthesizing membrane proteins, interacts with the transmembrane region of newly released TA proteins, and transfers them to ASNA1/TRC40 for targeting. Recombinant human GET4 protein, fused to His-tag at N-terminus, was expressed in E.coli .
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	38.9 kDa (350aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAAAAM AEQESARNGG RNRGGVQRVE GKLRASVEKG DYYEAHQMYR TLFFRYMSQS KHTEARELMY SGALLFFSHG

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QQNSAADLSM LVLESLEKAE VEVAD Ellen LAKVFSLMDP NSPERVTFVS
 RALKWSSGGS GKLGHPR LHQ LLALT LWKEQ NYCESRYHFL HSADGEGCAN
 MLVEYSTSRG FRSEVDMFVA QAVLQFLCLK NKSSASVVFT TYTQKHPSIE
 DGPPFVEPLL NFIWFLLLAV DGGKLT VFTV LCEQYQPSLR RDPMYNEYLD
 RIGQLFFGVP PKQTSSYGGL LGNLLTSLMG SSEQEDGEES PSDGSPIELD

Purity >90 % by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name GET4 golgi to ER traffic protein 4 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol GET4

Synonyms GET4; golgi to ER traffic protein 4 homolog (*S. cerevisiae*); C7orf20, chromosome 7 open reading frame 20; Golgi to ER traffic protein 4 homolog; CEE; CGI 20; CGI 20 protein; conserved edge protein; H_NH1244M04.5; transmembrane domain recognition complex; 35kDa; TRC35; conserved edge expressed protein; conserved edge-expressed protein; transmembrane domain recognition complex, 35kDa; transmembrane domain recognition complex 35 kDa subunit; CGI-20; C7orf20;

Gene ID 51608

mRNA Refseq NM_015949

Protein Refseq NP_057033

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MIM	612056
UniProt ID	Q7L5D6
Chromosome Location	7p22.3

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