

Recombinant Human GET4, His-tagged

Cat. No. GET4-5063H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GET4 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
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.
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 GKLRAVEKG DYIEAHQMYR TLFFRYMSQS KHTEARELMY SGALLFFSHG QQNSAADLSM LVLESLEKAE VEVAD Ellen LAKVFS LMDP NSPERVTFVS RALKWSSGGS GKLGHPR LHQ LLALT LWKEQ NYCESRYHFL HSADGEGCAN MLVEYSTSRG FRSEVDMFVA QAVLQFLCLK NKSSASVVFT TYTQKHPSIE DGPPFVEPLL NFIWFLLLAV DGGKLT VFTV LCEQYQPSLR RDP MYNEYLD

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	RIGQLFFGVP PKQTSSYGGL LGNLLTSLMG SSEQEDGEES PSDGSPIELD
Purity	>90 % by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. 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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