9051 Mira Mesa Blvd, #910094
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GET4 Human

Golgi To ER Traffic Protein 4 Human Recombinant
RCP0907

Product Overview

Name	GET4 Human
Description	
Golgi To ER Traffic Protein 4 Human Recombinant	
Accession (Primary)	Q7L5D6
Synonyms	
Golgi to ER traffic protein 4 homolog (S. cerevisiae), C7orf20, CEE, CGI-20, TRC35, Golgi to ER traffic protein 4 homolog, Conserved edge-expressed protein, Transmembrane domain recognition complex 35 kDa subunit, GET4.	
Introduction	
BAT3 complex is a multiprotein complex which takes part in the post-translational delivery of tail-anchored (TA) membrane proteins to the endoplasmic reticulum membrane. Golgi To ER Traffic Protein 4 (GET4) is a part of the BAT3 complex. The complex functions by helping TA proteins (which contain a single C-terminal transmembrane region) which are captured by ASNA1/TRC40. BAT3 complex synthesizes membrane proteins, interacts with the transmembrane area of recently released TA proteins, and transfers them to ASNA1/TRC40 for targeting.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The GET4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAAAAAM AEQESARNGG RNRGGVQRVE GKLRASVEKG DYYEAHQMYR TLFFRYMSQS KHTEARELMY SGALLFFSHG QQNSAADLSM LVLESLEKAE VEVADELLEN LAKVFSLMDP NSPERVTFVS RALKWSSGGS GKLGHPRLHQ LLALTLWKEQ NYCESRYHFL HSADGEGCAN MLVEYSTSRG	

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FRSEVDMFVA QAVLQFLCLK NKSSASVVFT TYTQKHPSIE DGPPFVEPLL NFIWFLLLAV DGGKLTVFTV LCEQYQPSLR RDPMYNEYLD RIGQLFFGVP PKQTSSYGGL LGNLLTSLMG SSEQEDGEES PSDGSPIELD.

Precautions

GET4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q7L5D6)