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32-3874: GET4 Recombinant Protein

Alternative Name :	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.

Description

Source : Escherichia Coli. GET4 Human Recombinant produced in E. coli is. a single polypeptide chain containing 350 amino acids (1-327) and having a molecular mass of 38.9kDa. GET4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The GET4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMAAAAAM AEQESARNGG RNRGGVQRVE GKLRASVEKG DYYEAHQMYR TLFFRYMSQS KHTEARELMY SGALLFFSHG QQNSAADLSM LVLESLEKAE VEVADELLEN LAKVFSLMDP NSPERVTFVS RALKWSSGGS GKLGHPRLHQ LLALTLWKEQ NYCESRYHFL HSADGEGCAN MLVEYSTSRG FRSEVDMFVA QAVLQFLCLK NKSSASVVFT TYTQKHPSIE DGPPFVEPLL NFIWFLLLAV DGGKLTVFTV LCEQYQPSLR RDPMYNEYLD RIGQLFFGVP PKQTSSYGGL LGNLLTSLMG SSEQEDGEES PSDGSPIELD.