Recombinant Human GET3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GET3-3520H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ASNA1 MS Standard C13 and N15-labeled recombinant protein (NP_004308) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene represents the human homolog of the bacterial arsA gene, encoding the arsenite-stimulated ATPase component of the arsenite transporter responsible for resistance to arsenicals. This protein is also a central component of a transmembrane domain (TMD) recognition complex (TRC) that is involved in the post-translational delivery of tail-anchored (TA) proteins from the cytosol to the endoplasmic reticulum (ER). It recognizes and selectively binds the TMD of TA proteins in the cytosol, and delivers them to the ER for insertion.
Molecular Mass	38.8 kDa
AA Sequence	MAAGVAGWGVEAEEFEDAPDVEPLEPTLSNIIEQRSLKWIFVGGKGGVGKTTCSCS LAVQLSKGRESVLIISTDPAHNISDAFDQKFSKVPTKVKGYDNLFAMEIDPSLGVAEL PDEFFEEDNMLSMGKKMMQEAMSAFPGIDEAMSYAEVMRLVKGMNFSVVVFDTAP TGHTLRLLNFPTIVERGLGRLMQIKNQISPFISQMCNMLGLGDMNADQLASKLEETLP VIRSVSEQFKDPEQTTFICVCIAEFLSLYETERLIQELAKCKIDTHNIIVNQLVFPDPEKP CKMCEARHKIQAKYLDQMEDLYEDFHIVKLPLLPHEVRGADKVNTFSALLLEPYKPP

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	SAQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GET3 guided entry of tail-anchored proteins factor 3, ATPase [Homo sapiens (human)]
Official Symbol	GET3
Synonyms	GET3; guided entry of tail-anchored proteins factor 3, ATPase; ARSA1; ASNA1; TRC40; ARSA-I; ASNA-I; ATPase GET3; arsA arsenite transporter, ATP-binding, homolog 1; golgi to ER traffic 3 homolog; transmembrane domain recognition complex 40 kDa ATPase subunit; EC 7.3.2.7
Gene ID	439
mRNA Refseq	NM_004317
Protein Refseq	NP_004308

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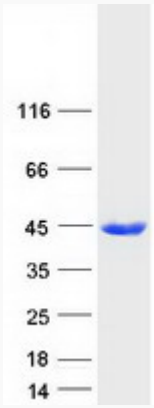
MIM	601913
UniProt ID	O43681
SDS-PAGE	

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