

Product datasheet for PH301194

GET3 (NM_004317) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ASNA1 MS Standard C13 and N15-labeled recombinant protein (NP_004308)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201194
Predicted MW:	38.8 kDa
Protein Sequence:	>RC201194 protein sequence Red=Cloning site Green=Tags(s)

MAAGVAGWGVEAEFEEDAPDVEPLEPTLSNIIIEQRSLKWI FVGGKGGVGGKTTCSCLAVQLSKGRESVLI
ISTDPAHNISDAFDQKFSKVPTKVKGYNLFAMEIDPSLGV AELPDEFEEEDNMLSMGKMMQEAMSAFP
GIDEAMSYAEVMRLVKGMNFSVVVFDTAPTGHTLRL LNFP TIVERGLGRMLQIKNQISPFISQMCNMLGL
GDMNADQLASKLEETLPVIRSVSEQFKDPEQTT FICV CIAEFLSLYETERLIQELAKCKIDTHNII V NQL
VFPDPEKPKMCEARHKIQAKYLDQMEDLYEDFHIVKLP LLPHEVRGADKVNTFSALLLEPYKPPSAQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_004308</u>
RefSeq Size:	1298
RefSeq ORF:	1044
Synonyms:	ARSA-I; ARSA1; ASNA-I; ASNA1; TRC40
Locus ID:	439



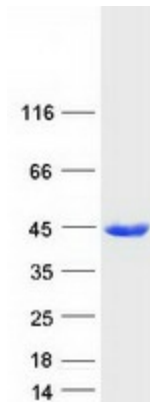
[View online »](#)

UniProt ID: [O43681](#)

Cytogenetics: 19p13.13

Summary: 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. [provided by RefSeq, Oct 2011]

Product images:



Coomassie blue staining of purified GET3 protein (Cat# [TP301194]). The protein was produced from HEK293T cells transfected with GET3 cDNA clone (Cat# [RC201194]) using MegaTran 2.0 (Cat# [TT210002]).