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Product datasheet for TP310293M

FNTA (NM_002027) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens farnesyltransferase, CAAX box, alpha (FNTA), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210293 protein sequence Red=Cloning site Green=Tags(s) MAATEGVGEAAQGGEPGQPAQPPPQPHPPPPQQQHKEEMAAEAGEAVASPMDDGFVSLDSPSYVLYR DRA EWADIDPVPQNDGPNPVVQIIYSDKFRDVYDYFRAVLQRDERSERAFKLTRDAIELNAANYTVWHFRRVL LKSLQKDLHEEMNYITAIIEEQPKNYQVWHHRRVLVEWLRDPSQELEFIADILNQDAKNYHAWQHRQWV I QEFKLWDNELQYVDQLLKEDVRNNSVWNQRYFVISNTTGYNDRAVLEREVQYTLEMIKLVPHNESAWNY L KGILQDRGLSKYPNLLNQLLDLQPSHSSPYLIAFLVDIYEDMLENQCDNKEDILNKALELCEILAKEKDT IRKEYWRYIGRSLQSKHSTENDSPTNVQQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	44.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.

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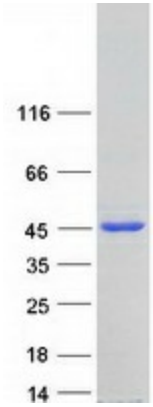
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002018
Locus ID:	2339
UniProt ID:	P49354
RefSeq Size:	1710
Cytogenetics:	8p11.21
RefSeq ORF:	1137
Synonyms:	FPTA; PGGT1A; PTAR2
Summary:	Prenyltransferases can attach either a farnesyl group or a geranylgeranyl group in thioether linkage to the cysteine residue of proteins with a C-terminal CAAX box. CAAX geranylgeranyltransferase and CAAX farnesyltransferase are heterodimers that share the same alpha subunit but have different beta subunits. This gene encodes the alpha subunit of these transferases. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 11 and 13. [provided by RefSeq, May 2010]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified FNTA protein (Cat# [TP310293]). The protein was produced from HEK293T cells transfected with FNTA cDNA clone (Cat# [RC210293]) using MegaTran 2.0 (Cat# [TT210002]).