

Recombinant Human FNTA Protein, GST-tagged

Cat. No. FNTA-4414H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FNTA full-length ORF (AAH17029, 1 a.a. - 379 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Prenyltransferases 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 encoding different isoforms. [provided by RefSeq
Molecular Mass	67.32 kDa
AA Sequence	MAATEGVGEEAAQGGEQPAQPPPQPHPPPQQQHKEEMAAEAGEAVASPMDD GFVSLDSPSYVLYRDRAEWADIDPVPQNDGPNPVVQIIYSDKFRDVYDYFRAVLQR DERSERAFKLTRDAIELNAANYTVWHFRRVLLKSLQKDLHEEMNYITAIIEEQPKNYQ VWHHRRVLVEWLRDPSQELEFIADILNQDAKNYHAWQHRQWVIQEFKLWDNELQY VDQLLKEDVRNNSVWNQRYFVISNTTGYNDRAVLRETVQYTLEMIKLVPHNESAWN YKLGILQDRGLSKYPNLLNQLLDLQPSHSSPYLIAFLVDIYEDMLENQCDNKEDILNKA LELCEILAKEKDTIRKEYWRYIGRSLQSKHSTENDSPTNVQQ
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FNTA farnesyltransferase, CAAX box, alpha [Homo sapiens]
Official Symbol	FNTA
Synonyms	FNTA; farnesyltransferase, CAAX box, alpha; protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha; FPTA; PGGT1A; protein prenyltransferase alpha subunit repeat containing 2; PTAR2; FTase-alpha; GGTase-I-alpha; farnesyl-protein transferase alpha-subunit; ras proteins prenyltransferase subunit alpha; type I protein geranyl-geranyltransferase alpha subunit; MGC99680;
Gene ID	2339
mRNA Refseq	NM_002027
Protein Refseq	NP_002018
MIM	134635

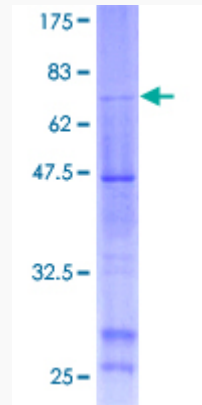
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UniProt ID

P49354

**Quality Control
Testing**

12.5% SDS-PAGE Stained with Coomassie Blue.

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