Recombinant Human FNTA Protein, His-tagged

Cat. No. FNTA-503H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FNTA(Met51~Lys366) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met51~Lys366
Description	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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	43.7kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 98%

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

MIM	134635
UniProt ID	P49354

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA