Recombinant Human FNTA Protein (Met51-Lys366), His tagged

Cat. No. FNTA-3035H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FNTA (Met51-Lys366) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met51-Lys366
Description	Essential subunit of both the farnesyltransferase and the geranylgeranyltransferase complex. Contributes to the transfer of a farnesyl or geranylgeranyl moiety from farnesyl or geranylgeranyl diphosphate to a cysteine at the fourth position from the C-terminus of several proteins having the C-terminal sequence Cys-aliphatic-aliphatic-X. May positively regulate neuromuscular junction development downstream of MUSK via its function in RAC1 prenylation and activation.
Molecular Mass	37.81 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	FNTA farnesyltransferase, CAAX box, alpha [Homo sapiens (human)]
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
UniProt ID	P49354

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