

Recombinant Human FNTA Protein (M1-Q379), Tag Free

Cat. No. FNTA-0470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-FNTA(M1-Q379 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-Q379
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.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

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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