

Fnta/Fntb

Recombinant Rat Protein Farnesyltransferase alpha and beta subunit, Active

Catalog No.	CSI13585	Quantity:	50 µg
Alternate Names:	Type 1 geranylgeranyltransferase subunits alpha and beta, GGTase-I, FTase-alpha, beta, CAAX farnesyltransferase subunits alpha, beta		
Description:	FTase catalyzes the transfer of the farnesyl group from farnesyl diphosphate to proteins containing a C-terminal CaaX motif, where 'C' is a conserved cysteine that is the site of farnesyl modification, 'a' is usually an aliphatic amino acid, and 'X' is methionine, serine, glutamine, or alanine.		
UniProt ID:	Q04631, Q02293		
Gene ID:	25318, 64511		
Source:	<i>E. coli</i>		
Molecular Weight:	alpha-subunit: 44 kDa beta-subunit: 49 kDa.		
Formulation:	25 mM HEPES, 40 mM NaCl, 1 mM TCEP, 10 µM ZnSO ₄ , pH 7.2		
Purity:	> 90% by SDS-PAGE.		
Specific Activity:	1 pmol of FTase will transfer 1 pmol of farnesyl to H-Ras in 15 min at 37°C.		
Storage & Stability:	Store at -80°C for up to 1 year. Upon initial thaw, prepare aliquots and store at -80°C. Avoid freeze-thaw cycles.		

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