

Recombinant Human GNGT1 protein(Pro2-Cys71), His-tagged

Cat. No. GNGT1-571H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GNGT1 (P63211) (Pro 2-Cys 71) was expressed in E. coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	2-71 a.a.
Form	Lyophilized from sterile PBS, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human GNGT1 consisting of 85 amino acids and has a calculated molecular mass of 9.9KDa. It migrates as a 9.0 kDa band in SDS-PAGE under reducing conditions as predicted.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name GNGT1 guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1 [Homo sapiens]

Official Symbol GNGT1

Synonyms GNGT1; guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1; guanine nucleotide-binding protein G(T) subunit gamma-T1; GNG1; transducin gamma chain;

Gene ID 2792

mRNA Refseq NM_021955

Protein Refseq NP_068774

MIM 189970

UniProt ID P63211

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