Recombinant Human GNG4 protein, His-tagged

Cat. No. GNG4-7854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GNG4 protein(1-75 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-75 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MKEGMSNNSTTSISQARKAVEQLKMEACMDRVKVSQAAADLLAYCEAHVREDPLIIP VPASENPFREKKFFCTIL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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	μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	GNG4 guanine nucleotide binding protein (G protein), gamma 4 [Homo sapiens]
Official Symbol	GNG4
Synonyms	GNG4; guanine nucleotide binding protein (G protein), gamma 4; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-4; guanine nucleotide binding protein 4; FLJ23803; FLJ34187; DKFZp547K1018;
Gene ID	2786
mRNA Refseq	NM_001098721
Protein Refseq	NP_001092191
MIM	604388
UniProt ID	P50150

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SDS-PAGE



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