

Recombinant Human GNG7

Cat. No. GNG7-28961TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human G gamma7 with a N terminal proprietary tag; Predicted MW 33.59 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	68 amino acids
Description	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-7 is a protein that in humans is encoded by the GNG7 gene.
Molecular Weight	33.590kDa inclusive of tags
Tissue specificity	Expressed in a variety of tissues. Down-regulated in pancreatic and esophageal cancer.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	MSATNNIAQARKLVEQLRIEAGIERIKVSKAASDLMSYCEQHARNDPLLVGVPASEN PFKDKKPCIL
Sequence Similarities	Belongs to the G protein gamma family.
GENE INFORMATION	
Gene Name	GNG7 guanine nucleotide binding protein (G protein), gamma 7 [Homo sapiens]
Official Symbol	GNG7
Synonyms	GNG7; guanine nucleotide binding protein (G protein), gamma 7; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-7; FLJ00058;
Gene ID	2788
mRNA Refseq	NM_052847
Protein Refseq	NP_443079
MIM	604430
Uniprot ID	O60262
Chromosome Location	19p13.3
Pathway	ADP signalling through P2Y purinoceptor 1, organism-specific biosystem; ADP signalling through P2Y purinoceptor 12, organism-specific biosystem; Activation of G protein gated Potassium channels, organism-specific biosystem; Activation of GABAB receptors, organism-specific biosystem; Activation of Kainate Receptors upon

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glutamate binding, organism-specific biosystem;

Function

signal transducer activity;

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