

Recombinant Full Length Human GNA14 Protein, GST-tagged

Cat. No. GNA14-5423HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GNA14 full-length ORF (BAG35367.1, 1 a.a. - 355 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	355 amino acids
Description	This gene encodes a member of the guanine nucleotide-binding, or G protein family. G proteins are heterotrimers consisting of alpha, beta and gamma subunits. The encoded protein is a member of the alpha family of G proteins, more specifically the alpha q subfamily of G proteins. The encoded protein may play a role in pertussis-toxin resistant activation of phospholipase C-beta and its downstream effectors
Molecular Mass	65.45 kDa
AA Sequence	MAGCCCLSAEEKESQRISAEIERQLRRDKKDARRELKLLLLGTGESGKSTFIKQMRII HSGSYSDedrKGFtKLvYQNIFTAMQAMIRAMDTLRIQYVCEQNKENAQIIREVEVD KVSMLSREQVEAIKQLWQDPGIQECYDRRREYQLSDSAKYYLTIDRIATPSFVPTQ QDVLVRVRVPTTGIIIEYPFDLENIIFRMVDVGGQSRERRKWIHCFESVTSIIFLVALUEY DQVLAECDNENRMEESKALFKTIITYPWFLNSSVILFLNKKDLLEEKIMYSHLISYFPE YTGPKQDVRAARDFILKLYQDQNPDKKVIYSHFTCATDTDNIRFVFAAVKDTILQLN LREFNLV

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GNA14 guanine nucleotide binding protein (G protein), alpha 14 [Homo sapiens]
Official Symbol	GNA14
Synonyms	GNA14; guanine nucleotide binding protein (G protein), alpha 14; guanine nucleotide-binding protein subunit alpha-14; g alpha-14; G-protein subunit alpha-14; guanine nucleotide-binding protein 14;
Gene ID	9630
mRNA Refseq	NM_004297
Protein Refseq	NP_004288
MIM	604397
UniProt ID	O95837

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