

Recombinant Human GNA15 Protein, GST-tagged

Cat. No. GNA15-5040H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GNA15 full-length ORF (AAH13585, 1 a.a. - 374 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	GNA15 (G Protein Subunit Alpha 15) is a Protein Coding gene. Diseases associated with GNA15 include Pertussis and Dyschromatosis Universalis Hereditaria. Among its related pathways are CCR5 Pathway in Macrophages and Phospholipase-C Pathway. GO annotations related to this gene include GTP binding and signal transducer activity. An important paralog of this gene is GNAQ.
Molecular Mass	66.88 kDa
AA Sequence	MARSLTWRCCPWCLTEDEKAAARVDQEINRILLEQKKQDRGELKLLLLGPGESGKS TFIKQMRIIHGAGYSEEERKGRPLVYQNI FVSMRAMIEAMERLQIPFSRPESKHHAS LVMSQDPYKVTTFEKRYAAAMQWLWRDAGIRACYERRREFHLLDSAVYYLSHLERI TEEGYVPTAQDVLRSRMPPTGINEYCFSVQKTNLRIVDVGQKSERKKWIHCFENVI ALIYLASLSEYDQCLEENNQENRMKESLALFGTILELPWFKSTSVILFLNKTDILEEKIP TSHLATYFPSFQGPKQDAEAAKRFILDMYTRMYTGCVDGPEGSKKGARSRRLFSHY TCATDTQNIRKVFKDVRDSVLARYLDEINLL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	GNA15 guanine nucleotide binding protein (G protein), alpha 15 (Gq class) [Homo sapiens]
Official Symbol	GNA15
Synonyms	GNA15; guanine nucleotide binding protein (G protein), alpha 15 (Gq class); guanine nucleotide-binding protein subunit alpha-15; GNA16; g alpha-15; g alpha-16; G-protein subunit alpha-15; G-protein subunit alpha-16; guanine nucleotide-binding protein subunit alpha-16;
Gene ID	2769
mRNA Refseq	NM_002068
Protein Refseq	NP_002059
MIM	139314
UniProt ID	P30679

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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