

Recombinant Human GNA14 cell lysate

Cat. No. GNA14-721HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
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
Size	100 ug
Recommended Usage	Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.
Storage Buffer	In modified RIPA Lysis Buffer.
Applications	Western Blot;Immunoprecipitation;

GENE INFORMATION

Gene Name	GNA14 guanine nucleotide binding protein (G protein), alpha 14 [Homo sapiens]
Official Symbol	GNA14

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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
Chromosome Location	9q21
Pathway	ADP signalling through P2Y purinoceptor 1, organism-specific biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Arf6 signaling events, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem;
Function	G-protein beta/gamma-subunit complex binding; G-protein coupled receptor binding; GTP binding; GTPase activity; guanyl nucleotide binding; guanyl-nucleotide exchange factor activity; metal ion binding; nucleotide binding; phospholipase C activity; signal transducer activity;

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