

## Recombinant Human GNAQ protein, GST-tagged

Cat. No. GNAQ-13350H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GNAQ protein(NP_002063)(84-205 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	84-205 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
<b>AA Sequence</b>	FTAMQAMIRAMDTLKIPYKYEHNKAAHAQLVREVDVEKVSFENPYVDAIKSLWNDPG IQECYDRRREYQLSDSTKYLLNDLDRVADPAYLPTQQDVLRRVPTTGIIIEYPFDLQ SVIFRMVD
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

<b>Gene Name</b>	GNAQ guanine nucleotide binding protein (G protein), q polypeptide [ Homo sapiens ]
<b>Official Symbol</b>	GNAQ
<b>Synonyms</b>	GNAQ; guanine nucleotide binding protein (G protein), q polypeptide; guanine nucleotide-binding protein G(q) subunit alpha; G ALPHA q; GAQ; guanine nucleotide-binding protein alpha-q; G-ALPHA-q;
<b>Gene ID</b>	2776
<b>mRNA Refseq</b>	NM_002072.3
<b>Protein Refseq</b>	NP_002063
<b>MIM</b>	600998
<b>UniProt ID</b>	P50148

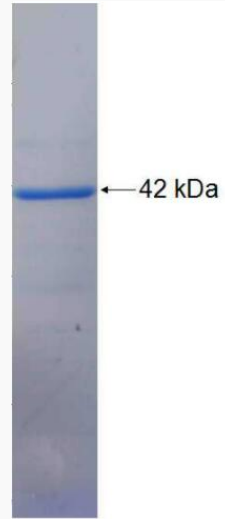
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SDS-PAGE



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