

Recombinant Human GNAQ protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GNAQ protein(NP_002063)(84-205 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	84-205 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	FTAMQAMIRAMDTLKIPYKYEHNKAHAQLVREVDVEKVSFENPYVDAIKSLWNDPG IQECYDRRREYQLSDSTKYLLNDLDRVADPAYLPTQQDVLVRVPTTGIIIEYPFDLQ SVIFRMVD
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

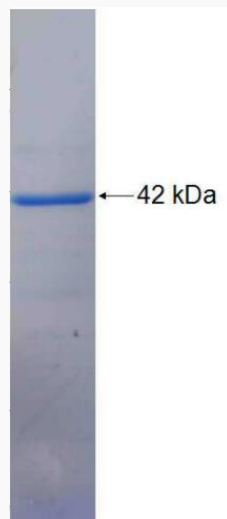
GENE INFORMATION

Gene Name	GNAQ guanine nucleotide binding protein (G protein), q polypeptide [Homo sapiens]
Official Symbol	GNAQ
Synonyms	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;
Gene ID	2776
mRNA Refseq	NM_002072.3
Protein Refseq	NP_002063
MIM	600998
UniProt ID	P50148

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SDS-PAGE

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