

Recombinant Human GNAS protein, His-tagged

Cat. No. GNAS-3643H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human GNAS protein(230-394 aa), fused to His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 230-394 aa |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| AA Sequence | ERRKWIQCFNDVTAIIFVASSSYNMVIREDNQTNRLQEALNLFKSIWNNRWLRTISV ILFLNKQDLLAEKVLGKSKIYDFPEFARYTTPEDATPEPGEDPRVTRAKYFIRDEFL RISTASGDGRHYCYPHFTCAVDTENIRRVFNDCRDIIQRMHLRQYELL |
| Purity | 85%, 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 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

Gene Name [GNAS GNAS complex locus \[Homo sapiens \]](#)

Official Symbol [GNAS](#)

Synonyms

GNAS; GNAS complex locus; GNAS1, guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1; protein ALEX; GNASXL; GPSA; NESP; NESP55; SCG6; secretogranin VI; extra large alphas protein; neuroendocrine secretory protein; guanine nucleotide regulatory protein; alternative gene product encoded by XL-exon; adenylate cyclase-stimulating G alpha protein; guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas; guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1; AHO; GSA; GSP; POH; GNAS1; PHP1A; PHP1B; PHP1C; C20orf45; MGC33735;

Gene ID [2778](#)

mRNA Refseq [NM_000516](#)

Protein Refseq [NP_000507](#)

UniProt ID [O95467](#)

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