

Recombinant Human GNAS protein, His-SUMO-tagged

Cat. No. GNAS-4085H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GNAS protein(P63092)(1-394aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-394aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	61.7 kDa
AA Sequence	<p>MGCLGNSKTEDQRNEEKAQREANKKIEKQLQKDKQVYRATHRLLLLGAGESGKSTI VKQMRILHVNGFNPEGGEEDPQAARSNSDGEKATKVQDIKNNLKEA IETIVAAMSNL VPPVELANPENQFRVDYILSVMNVPDFDFPPEFYEHAKALWEDEGVRACYERSNEY QLIDCAQYFLDKIDVIKQADYVPSDQDLLRCRVLTSGIFETKFQVDKVNFMFDVGG QRDERRKWIQCFNDVTAIIFVVA SSSYNMVIREDNQTNRLQEALNLFKSIWNNRWLR TISVILFLNKQDLLAEKVLGKSKIEDYFPEFARYTTPE DATPEPGEDPRVTRAKYFIR DEFLRISTASGDGRHYCYPHFTCAVDTENIRRVFNDCRDIQRMHLRQYELL</p>
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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