

## Recombinant Human GNAS, GST-tagged

Cat. No. GNAS-1264H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GNAS protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	230-394aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	GNAS GNAS complex locus [ Homo sapiens ]
<b>Official Symbol</b>	GNAS
<b>Synonyms</b>	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

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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](#)

**Chromosome Location** 20q13.2-q13.3

**Pathway** Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Aquaporin-mediated transport, organism-specific biosystem; Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem;

**Function** G-protein beta/gamma-subunit complex binding; GTP binding; GTPase activity; GTPase activity; adenylate cyclase activity; guanyl nucleotide binding; guanyl-nucleotide exchange factor activity; ionotropic glutamate receptor binding; metal ion binding; molec

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