

## Datasheet

### GNAT2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00002780-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human GNAT2 full-length ORF ( NP\_005263.1, 1 a.a. - 354 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGSGASAEDKELAKRSKELEKKLQEDADKEAKTVKLL  
LLGAGESGKSTIVKQMKIIHQDGYSP EECLEFKAIYGN  
VLQSILAIIRAMTTLGIDYAEPSCADDGRQLNNLADSIEE  
GTMPPELVEVIRRLWKDGGVQACFERAAEYQLNDSA  
SYYLNQLERITDPEYLPSEQDVLRSRVKTTGIIETKFSV  
KDLNFRMFDVGGQRSEKWKIHC FEGVTCIIFCAALSA  
YDMVLVEDDEVNRMHESLHLFNSICNHKFFAATSIVLF  
LNKKDLFEKIKKVHLSICFPEYDGNNSYDDAGNYIKS  
QFLDLNMRKDVKEIYSHMTCATDTQNVKFVFDVTDIII  
KENLKDCGLF

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 66.6

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2780

**Gene Symbol:** GNAT2

**Gene Alias:** ACHM4, GNATC

**Gene Summary:** Transducin is a 3-subunit guanine nucleotide-binding protein (G protein) which stimulates the coupling of rhodopsin and cGMP-phosphodiesterase during visual impulses. The transducin alpha subunits in rods and cones are encoded by separate genes. This gene encodes the alpha subunit in cones. [provided by RefSeq]