

Guanine nucleotide-binding protein alpha-2 subunit (GPA2), Recombinant Protein

Cat *RP18521*

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Glycine max (Soybean) (Glycine hispida)
Cell)

Full Product Name

Recombinant Glycine max Guanine nucleotide-binding protein alpha-2 subunit (GPA2)

Product Gene Name

GPA2 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

GLLCSRNRNRY NDADAEENAAQ TAEIERRIEV RNERAEKHIQ KLLLLGAGES GKSTIFKQIK LLFQTGFDEA
ELKSYLPVIH ANVYQTIKLL HDGSKEFAQN DVDSSKYVIS NENKEIGEKL LEIGGRLDYP YLSKELAQEI
ENLWKDPAIQ ETYARGSELQ IPDCTDYFME NLQRLSDANY VPTKEDVLYA RVRTTGVEI QFSPVGENKK
SDEVYRLFDV GGQRNERRKW IHLFEGVSAV IFCAAISEYD QTLFEDENRN RMMETKELFE WILKQPCFEK
TSFMLFLNKF DIFEKKILKV PLNVCEWFKD YQPVSTGKQE IEHAYEFVKK KFEESYFQST APDRVDRVFK
IYRTTALDQK VVKKTKFLVD ETLRRRNLE AGLL

Sequence Positions

2-385, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

45,096 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week.
Repeated freezing and thawing is not recommended.

NCBI Accession

NP_001236873.1

NCBI GI

351726508

NCBI GenBank Nucleotide

NM_001249944.1

NCBI GeneID

547977

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Full Name

guanine nucleotide-binding protein alpha-2 subunit

NCBI Official Symbol

GPA2

NCBI Official Synonym Symbols

SGA2

NCBI Protein Information

guanine nucleotide-binding protein alpha-2 subunit

UniProt Gene Name

GPA2

UniProt Synonym Gene Names

GA2; GP-alpha-2

UniProt Protein Name

Guanine nucleotide-binding protein alpha-2 subunit

UniProt Primary Accession

P93163

UniProt Related Accession

P93163

UniProt Comments

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.

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