

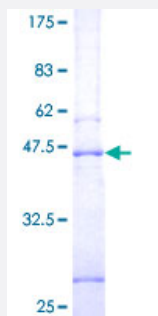
Full-Length

SYNGR1 (Human) Recombinant Protein (P01)

Catalog # H00009145-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SYNGR1 full-length ORF (AAH00731.1, 1 a.a. - 191 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEGGAYGAGKAGGAFDPYTLVRQPHTILRVVSWLFSMVFGSIVNEGYNLSASEGEEFCIYNRNPN ACSYGVAVGVLAFLTCLLYALDVYFPQISSVKDRKKAVLSDIGVSAFWAFLWFVGFCYLANQWQ VSKPKDNPLNEGTDAAARAAIAFSFFSIFTWSLTAALAVRRFKDLSFQEEYSTLFPASAQP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	46.64
Interspecies Antigen Sequence	Mouse (82); Rat (82)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SYNGR1

Entrez GeneID [9145](#)

GeneBank Accession# [BC000731.1](#)

Protein Accession# [AAH00731.1](#)

Gene Name SYNGR1

Gene Alias MGC:1939

Gene Description synaptogyrin 1

Omim ID [603925](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an integral membrane protein associated with presynaptic vesicles in neuronal cells. The exact function of this protein is unclear, but studies of a similar murine protein suggest that it functions in synaptic plasticity without being required for synaptic transmission. The gene product belongs to the synaptogyrin gene family. Three alternatively spliced variants encoding three different isoforms have been identified. [provided by RefSeq]

Other Designations -

Disease

- [Bipolar Disorder](#)

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)