

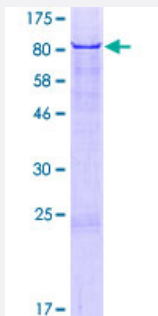
Full-Length

RIC3 (Human) Recombinant Protein (P01)

Catalog # H00079608-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human RIC3 full-length ORF (NP_078833.2, 1 a.a. - 368 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAYSTVQRVALASGLVLALSLLLPAFLSRGKRQEPPTPEGKLGFRFPPMMHHHQAHS DGQTP
GARFQRSHLAEAFKAKGSGGGAGGGGSGRGLMGQIPIYGFIFLYILFKLSKGKTTAEDGKC
YTAMPGNTHRKITSFELAQLEKLKETEAMEKLFNVRGPNGERAQT VTS DQEKRL LHQLREITRV
MKEGKFIDRF SPEKEAEEAPYMEDWEGYPEETYPYDLSDCIKRRQETILVDYPDPKELSAEEIAE
RMGMIEEEEESDHLGWESLPTDPRAQEDNSVTSCDPKPKETCSCCFHEDEDPAVLAENAGFSAD
SYPEQEETTKEEWSQDFKDEGLGISTDKAYTGSMRLRKNPQGLE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.5

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 — RIC3

Entrez GeneID [79608](#)

GeneBank Accession# [NM_024557.2](#)

Protein Accession# [NP_078833.2](#)

Gene Name RIC3

Gene Alias AYST720, FLJ11608, PRO1385

Gene Description resistance to inhibitors of cholinesterase 3 homolog (C. elegans)

Omim ID [610509](#)

Gene Ontology [Hyperlink](#)

Gene Summary RIC3 is a protein associated with nicotinic acetylcholine receptors (nAChRs), neurotransmitter-gated ion channels expressed at the neuromuscular junction and within the central and peripheral nervous systems, that can enhance functional expression of multiple nAChR subtypes (Lansdell et al., 2005 [PubMed 16120769]).[supplied by OMIM]

Other Designations resistance to inhibitors of cholinesterase 3 homolog

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)