

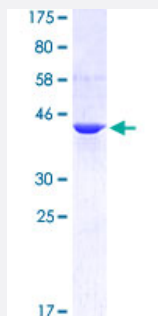
Full-Length

CYTH3 (Human) Recombinant Protein (P01)

Catalog # H00009265-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CYTH3 full-length ORF (AAH08191.1, 1 a.a. - 179 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	MNRGINEGGDLPEELLRNLYESIKNEPFKIPEDDGNDLTHTFFNPDREGWLLKLGGRVKTKRRW FILTDNCLYYFEYTTDKPRGIIPLENLSIREVEDPRKPNCFELYNPSHKGQVIKACKTEADGRVVEG NHVVYRISAPSPREEKEEWMKSIKASISRDPFYDMLATRKRIANKK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	45.43
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — CYTH3

Entrez GeneID [9265](#)

GeneBank Accession# [BC008191.1](#)

Protein Accession# [AAH08191.1](#)

Gene Name CYTH3

Gene Alias ARNO3, GRP1, PSCD3

Gene Description cytohesin 3

Omim ID [605081](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the PSCD (pleckstrin homology, Sec7 and coiled-coil domains) family. PSCD family members have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. This encoded protein is involved in the control of Golgi structure and function, and it may have a physiological role in regulating ADP-ribosylation of actor protein 6 (ARF) functions, in addition to acting on ARF1. [provided by RefSeq]

Other Designations ARF nucleotide-binding site opener 3|general receptor of phosphoinositides 1|pleckstrin homology, Sec7 and coiled-coil domains 3|pleckstrin homology, Sec7 and coiled/coil domains 3