

Recombinant Human CYTH3

Catalog No: #GP12851



Package Size: #GP12851-1 100ug

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Description

Product Name	Recombinant Human CYTH3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 221-399 amino acids of human CYTH3
Target Name	cytohesin 3
Other Names	GRP1; ARNO3; PSCD3; cytohesin-3
Accession No.	Swissprot:O43739Gene Accession:BC008191
Uniprot	O43739
GeneID	9265;
Storage	-20~-80°C, pH 7.6 PBS

Background

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 factor protein 6 (ARF) functions, in addition to acting on ARF1.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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