

Rho guanine nucleotide exchange factor 18 Recombinant Protein | ARHGEF18 recombinant protein

Recombinant Human Rho guanine nucleotide exchange factor 18

CATALOG # AAA113126	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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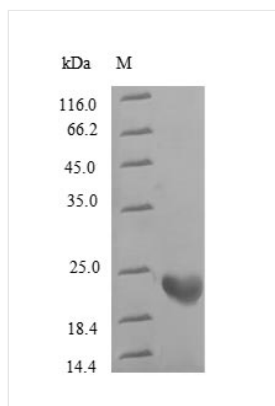
PRODUCT SYNONYMS

Rho guanine nucleotide exchange factor 18; Recombinant Human Rho guanine nucleotide exchange factor 18; Opsin-2; ARHGEF18 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-36aa; Partial
Sequence	MNGTEGPNFY VPFSNATGVV RSPFEYPQYY LAEPWQ
Sequence Length	348
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ARHGEF18 recombinant protein	Photoreceptor required for image-forming vision at low light intensity. Required for photoreceptor cell viability after birth. Light-induced isomerization of 11-cis to all-trans retinal triggers a conformational change leading to G-protein activation and release of all-trans retinal.
Product Categories/Family for ARHGEF18 recombinant protein	Signal Transduction
References	"Isolation and nucleotide sequence of the gene encoding human rhodopsin." Nathans J., Hogness D.S. Proc. Natl. Acad. Sci. U.S.A. 81:4851-4855(1984)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506527
NCBI GeneID	6010
NCBI Accession #	NP_000530.1
NCBI GenBank Nucleotide #	NM_000539.3
UniProt Accession #	P08100; Q16414; Q2M249
Molecular Weight	20.2 kDa
NCBI Official Full Name	rhodopsin
NCBI Official Synonym Full Names	rhodopsin
NCBI Official Symbol	RHO
NCBI Official Synonym Symbols	RP4; OPN2; CSNBAD1
NCBI Protein Information	rhodopsin
UniProt Protein Name	Rhodopsin
UniProt Gene Name	RHO
UniProt Synonym Gene Names	OPN2
UniProt Entry Name	OPSD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/rho-recombinant-protein-e-coli/113126>