

X-linked retinitis pigmentosa GTPase regulator (Rpgr) Recombinant Protein | Rpgr recombinant protein

Recombinant Mouse X-linked retinitis pigmentosa GTPase regulator (Rpgr) , partial

CATALOG #
AAA116952

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

X-linked retinitis pigmentosa GTPase regulator (Rpgr); Recombinant Mouse X-linked retinitis pigmentosa GTPase regulator (Rpgr); partial; Rpgr 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	54-367. Partial
Sequence	NKLYMFGSNN WGQLGLGSKA AIIKPTCIKA LKPEKVKLAA CGRNHTLVST DTGGVYAAGG NNEGQLGLGD TDDRDTFHQI VFFTPADTIK QLSAGANTSA ALTEDGKLFM WGDNSEGQIG LEDKSNVCIP HEVTVGKPIS WISCGYYHSA FVTMDGELYT FGEPENGKLG LPNELLMNHR SPQRVLGIPE RVIQVACGGG HTVVLTEKVV YAFGLGQFGQ LGLGTFLFET SEPKIIERIK DQKICHISCG ENHTALMTEL GLLYTFGDGR HGKLGLGMEN FTNQFFPTLC SNFLRFAVQL IACGGCHMLV FATP
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Rpgr recombinant protein	This gene encodes a protein with a series of six RCC1-like domains (RLDs), characteristic of the highly conserved guanine nucleotide exchange factors. The encoded protein is found in the Golgi body and interacts with RPGRIP1. This protein localizes to the outer segment of rod photoreceptors and is essential for their viability. Mutations in this gene have been associated with X-linked retinitis pigmentosa (XLRP). Multiple alternatively spliced transcript variants that encode different isoforms of this gene have been reported, but the full-length natures of only some have been determined.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755348
NCBI GeneID	19893
NCBI Accession #	NP_035415.1
NCBI GenBank Nucleotide #	NM_011285.2
UniProt Accession #	Q9R0X5 ; O88408 ; Q9CU92 ; A2ADP3 ; G9BBQ2
Molecular Weight	146,029 Da
NCBI Official Full Name	X-linked retinitis pigmentosa GTPase regulator isoform 3
NCBI Official Synonym Full Names	retinitis pigmentosa GTPase regulator

NCBI Official Symbol	Rpgr
NCBI Official Synonym Symbols	Rd9; Rp3h
NCBI Protein Information	X-linked retinitis pigmentosa GTPase regulator
UniProt Protein Name	X-linked retinitis pigmentosa GTPase regulator
UniProt Gene Name	Rpgr
UniProt Synonym Gene Names	mRpgr

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://stage.aaabiotech.com/rpgr-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116952>