

Rhodopsin (RHO) Recombinant Protein | RHO recombinant protein

Recombinant Rhodopsin (RHO)

CATALOG # AAA161996	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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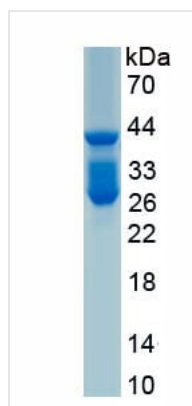
PRODUCT SYNONYMS

Rhodopsin (RHO); Recombinant Rhodopsin (RHO); Rhodopsin; RHO recombinant protein (prokaryotic); Mouse; OPN2; RP4; Opsin 2; Rod Pigment; Retinitis Pigmentosa 4; Visual Purple4; RHO recombinant protein

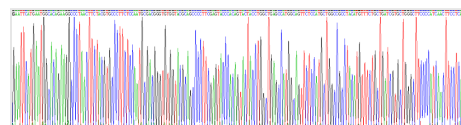
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 80% by SDS-PAGE
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence	Met1~Cys110
Applicable Applications for RHO recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Species	Mouse
Expression System	Prokaryotic expression
Tag	N-terminal His and GST Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.5
Subcellular Location	Membrane
Research Area	Ophthalmology & Otorhinolaryngology
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months

IMAGES



SDS-PAGE
Figure. SDS-PAGE



Sequence
Figure. Gene Sequencing (extract

ADDITIONAL INFORMATION

Product Categories/Family for RHO recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21717805
NCBI GeneID	212541
NCBI Accession #	NP_663358.1
NCBI GenBank Nucleotide #	NM_145383.1
UniProt Accession #	P15409; Q8K0D8; Q96DZ2
Molecular Weight	39,070 Da
NCBI Official Full Name	rhodopsin
NCBI Official Synonym Full Names	rhodopsin
NCBI Official Symbol	Rho
NCBI Official Synonym Symbols	Ops; RP4; Opn2; Noerg1
NCBI Protein Information	rhodopsin
UniProt Protein Name	Rhodopsin
UniProt Gene Name	Rho

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/rho-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/161996>