

[Go to Product page](#)

Datasheet for ABIN7551487

ROM1 Protein (AA 1-351) (His tag)

Overview

Quantity:	1 mg
Target:	ROM1
Protein Characteristics:	AA 1-351
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ROM1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ROM1 Protein expressed in mammalian cells.
Sequence:	MAPVLPLVLP LQPRIRLAQG LWLLSWLLAL AGGVILLCSG HLLVQLRHLG TFLAPSCQFP VLPQAALAAG AVALGTGLVG VGASRASLNA ALYPPWRGVL GPLLVAGTAG GGLLLVGLG LALALPGSLD EALEEGLVTA LAHYKDTEVP GHCQAKRLVD ELQLRYHCCG RHGYKDWFGV QWVSSRYLDP GDRDVADRIQ SNVEGLYLTG VVPFSCCNPH SPRPCLQNRL SDSYAHPLFD PRQPNQNLWA QGCHEVLEH LQDLAGTLGS MLAVTFLLQA LVLLGLRRLYQ TALEGLGGVI DAGGETQGYL FPSGLKDKMLK TAWLQGGVAC RPAPEEAPPG EAPPKEDLSE A Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	ROM1
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Alternative Name:	ROM1 (ROM1 Products)
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Background:	Rod outer segment membrane protein 1 (ROSP1) (Tetraspanin-23) (Tspan-23),FUNCTION: Plays a role in rod outer segment (ROS) morphogenesis (By similarity). May play a role with PRPH2 in the maintenance of the structure of ROS curved disks (By similarity). Plays a role in the organization of the ROS and maintenance of ROS disk diameter (By similarity). Involved in the maintenance of the retina outer nuclear layer (By similarity). {ECO:0000250 UniProtKB:P32958, ECO:0000250 UniProtKB:P52205}.
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Molecular Weight:	37.2 kDa
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UniProt:	Q03395
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Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months