

Recombinant Human ROM1 Protein, His-tagged

Cat. No. ROM1-617H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human ROM1 (NP_000318.1) (Pro126-Asp263) was expressed with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	126-263 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human ROM1 consists 156 amino acids and predicts a molecular mass of 18 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>(18.4+69.9) % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name ROM1 retinal outer segment membrane protein 1 [Homo sapiens]

Official Symbol ROM1

Synonyms ROM1; retinal outer segment membrane protein 1; rod outer segment membrane protein 1; ROM; TSPAN23; tspan-23; tetraspanin-23; RP7; ROSP1;

Gene ID 6094

mRNA Refseq NM_000327

Protein Refseq NP_000318

MIM 180721

UniProt ID Q03395

Chromosome Location 11q13

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