

Recombinant Rat Prom1, His tagged

Cat. No. Prom1-33R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Prom1 (F1MAN1) (Asn171-Tyr424), fused with a polyhistidine tag at the N-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	171-424 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant rat PROM1 comprises 274 amino acids and predicts a molecular mass of 30.9 kDa. The apparent molecular mass of the recombinant protein is approximately 47-57 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

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

GENE INFORMATION

Gene Name Prom1 prominin 1 [Rattus norvegicus]

Official Symbol Prom1

Gene ID 60357

mRNA Refseq NM_001110137

Protein Refseq NP_001103607

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