

Recombinant Mouse Prom1 protein, His-SUMO-tagged

Cat. No. Prom1-3371M **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Mouse Prom1 protein(O54990)(509-794aa), fused to N-terminal 6XHis-SUMO tag, was expressed in E. coli. |
| Species | Mouse |
| Source | E.coli |
| ProteinLength | 509-794aa |
| Form | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Molecular Mass | 48.5 kDa |
| AA Sequence | GANVEKLLCEPYENKLLQVLDTPYLLKEQWQFYLSGMLFNNPDINMTFEQVYRDC KRGRGIYAAFQLENVNVSDHFNIDQISENINTELENLNVNIDSIELLDNTGRKSLEDF AHSGIDTIDYSTYLKETEKSPTEVNLLTFASTLEAKANQLPEGKPKQAFLLDVQNIRAI HQHLLPPVQQSLNLTQRQSVWTLQQTSNKLPEKVKKILASLDSVQHFLTNNVSLVIGE TKKFGKTILGYFEHYLHWVFYAITEKMTSCKPMATAMDSAVNGILCGYVADPLN |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid |

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name Prom1 prominin 1 [Mus musculus]

Official Symbol Prom1

Synonyms PROM1; prominin 1; prominin-1; prominin-like 1; antigen AC133 homolog; prominin-like protein 1; Prom; AC133; CD133; Prom-1; Proml1; 4932416E19Rik;

Gene ID 19126

mRNA Refseq NM_001163577

Protein Refseq NP_001157049

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