

Prominin-1 (Prom1) Recombinant Protein | Prom1 recombinant protein

Recombinant Mouse Prominin-1 (Prom1)

CATALOG # AAA115291	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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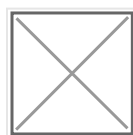
PRODUCT SYNONYMS

Prominin-1 (Prom1); Recombinant Mouse Prominin-1 (Prom1); Recombinant Prominin-1 (Prom1); Prominin-1; Antigen AC133 homolog Prominin-like protein 1
CD_antigen= CD133; Prom1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	509-794aa; Extracellular Domain
Sequence	GANVEKLLCE PYENKKLLQV LDTPYLLKEQ WQFYLSGMLF NNP DINMTFE QVYRDCKRGR GIYAAFQLEN VVNVSDHFN I DQISENINTE LENLNVNIDS IELLDNTGRK SLEDFAHSGI DTIDYSTYLK ETEKSPTEVN LLTFASTLEA KANQLPEGKP KQAFLLDVQN IRAIHQHLLP PVQQSLN TLR QSVWTLQQTS NKLPEKVKKI LASLDSVQHF LTNNVSLIVI GETKKFGKTI LGYFEHYLHW VFYAITEKMT SCKPMATAMD SAVNGILCGY VADPLN
Sequence Length	794
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Prom1 recombinant protein	May play a role in cell differentiation, proliferation and apoptosis. Binds cholesterol in cholesterol-containing plasma membrane microdomains and may play a role in the organization of the apical plasma membrane in epithelial cells. During early retinal development acts as a key regulator of disk morphogenesis. Involved in regulation of MAPK and Akt signaling pathways. In neuroblastoma cells suppresses cell differentiation such as neurite outgrowth in a RET-dependent manner.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254675304
NCBI GeneID	19126
NCBI Accession #	NP_001157050.1
NCBI GenBank Nucleotide #	NM_001163578.1

UniProt Accession #	O54990; O35408; Q80XB2; Q80XB3; Q80XB6; Q8BH12
Molecular Weight	48.5 kDa
NCBI Official Full Name	prominin-1 isoform s3
NCBI Official Synonym Full Names	prominin 1
NCBI Official Symbol	Prom1
NCBI Official Synonym Symbols	Prom; AC133; CD133; Prom-1; Proml1; 4932416E19Rik
NCBI Protein Information	prominin-1; prominin-like 1; antigen AC133 homolog; prominin-like protein 1
UniProt Protein Name	Prominin-1
UniProt Gene Name	Prom1
UniProt Synonym Gene Names	Prom; Proml1
UniProt Entry Name	PROM1_MOUSE

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/prom1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115291>