

Prominin-1 (PROM1) Recombinant Protein | PROM1 recombinant protein

Recombinant Human Prominin-1 (PROM1) , partial

CATALOG # AAA18643	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Prominin-1 (PROM1); Recombinant Human Prominin-1 (PROM1); partial; 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	508-792aa; partial
Sequence	GANVEKLICE PYTSKELFRV LDTPYLLNED WEYYLSGKLF NKSMMKLTFE QVYSDCKKNR GTYGTLHLQN SFNISEHLNI NEHTGSISSE LESLKVNLNI FLLGAAGRKN LQDFAACGID RMNYDSYLAQ TGKSPAGVNL LSFAYDLEAK ANSLPPGNLR NSLKRDAQTI KTIHQQRVLP IEQSLSTLYQ SVKILQRTGN GLLERVTRIL ASLDFAQNFI TNNTSSVIIIE ETKKYGRTII GYFEHYLQWI EFSISEKVAS CKPVATALDT AVDVFLCSYI IDPLN
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PROM1 recombinant protein

This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224994189
NCBI GeneID	8842
NCBI Accession #	NP_001139319.1
NCBI GenBank Nucleotide #	NM_001145847.1
UniProt Accession #	O43490; Q6SV49; Q6SV50; Q6SV51; Q6SV52; Q6SV53; Q96EN6
Molecular Weight	34.2 kDa
NCBI Official Full Name	prominin-1 isoform 2
NCBI Official Synonym Full Names	prominin 1
NCBI Official Symbol	PROM1
NCBI Official Synonym Symbols	RP41; AC133; CD133; MCDR2; STGD4; CORD12; PROML1; MSTP061
NCBI Protein Information	prominin-1
UniProt Protein Name	Prominin-1
UniProt Gene Name	PROM1
UniProt Synonym Gene Names	PROML1

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://www.aaabiotech.com/prom1-recombinant-protein-e-coli/18643>