

Recombinant Human PROM2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PROM2-1806H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PROM2 MS Standard C13 and N15-labeled recombinant protein (NP_653308) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the prominin family of pentaspan membrane glycoproteins. The encoded protein localizes to basal epithelial cells and may be involved in the organization of plasma membrane microdomains. Alternative splicing results in multiple transcript variants.
Molecular Mass	91.7 kDa
AA Sequence	MKHTLALLAPLLGLGLGLALSQLAAGATDCKFLGPAEHLTFTPAARARWLAPRVRAP GLLDLSLYGTVRRFLSVVQLNPFPSSELVKALLNELASVKVNEVVRYEAGYVVCVAVIAGL YLLLVP TAGLCFCCCRCHRRRCGGRVKTEHKALACERAALMVFLLLTLLLLIGVVCAF VTNQRTHEQMGP SIEAMPETLLSLWGLVSDVPQELQAVAQQFSLPQE QVSEELD G VGVSIGSAIHTQLRSSVYPLLA AVGSLGQVLQVSVHHLQTLNATVVELQAGQQDLEP AIREHRDR LLELLQEARCQGD CAGALSWARTLELGADFSQVPSVDHVLHQLKGVPE ANFSSMVQEENSTFNALPALAAMQTSSVVQELKKAVAQQPEGVRTLAEGFPGLEAA SRWAQALQEVEESSRPYLQEVQRYETYRWIVGCVLCSVVLFFVLCNLLGLNLGIWG LSARDDPSHPEAKGEAGARFLMAGVGLSFLFAAPLILLVFATFLVGGNVQTLVCRSW

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ENGELFEFADTPGNLPPSMNLSQLLGLRKNISIHQAYQQCKEGAALWTVLQLNDSY
 DLEEHLINQYTNKLRQELQSLKVDTQSLDLLSSAARRDLEALQSSGLQRIHYPDFLV
 QIQRPVVKTSMEQLAQELQGLAQADNSVLGQRLQEEAQGLRNLHQEKVVPQQSL
 VAKLNLSVRALESSAPNLQLETSDVLANVTYLGELPAWAARILRNVSECFLAREMG
 YFSQYVAWVREEVTQRIATCQPLSGALDNSRVILCDMMADPWNAFWFCLAWCTFF
 LIPSIIFAVKTSKYFRPIRKRLSSTSSEETQLFHIPRVTSKLTRTRPLEQKLISEEDLAA
 NDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PROM2 prominin 2 [Homo sapiens (human)]
Official Symbol	PROM2
Synonyms	PROM2; prominin 2; prominin-2; hPROML2; prominin-like protein 2; prominin-related protein; PROML2; MGC138714;
Gene ID	150696
mRNA Refseq	NM_144707

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Protein Refseq NP_653308

MIM 617160

UniProt ID Q8N271

SDS-PAGE



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