

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 GLLDSLYGTVRRFLSVVQLNPFPSSELVKALLNELASVKVNEVVRYEAGYVVCVAVIAGL YLLLVPATAGLCFCCCRCHRRRCGGRVKTEHKALACERAALMVFLLLTLLLLIGVVCAF VTNQRTHEQMGPSEIAMPETLLSLWGLVSDVPQELQAVAQQFSLPQEQQVSEELDG VGVSIGSAIHTQLRSSVYPLLAAGVSLGQVLQVSVHHLQTLNATVVELQAGQQDLEP AIREHRDRLELLQEARCQGDCAALSWARTLELGADFSQVPSVDHVLHQLKGVPE ANFSSMVQEENSTFNALPALAAMQTSSVVQELKKAVAQQPEGVRTLAEGFPGLEAA SRWAQALQVEEESRPYLQEVQRYETYRWIVGCVLCSVVLFFVLCNLLGLNLGIWG LSARDDPSHPEAKGEAGARFLMAGVGLSFLFAAPLILLVFATFLVGGNVQTLVCRSW

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ENGELFEFADTPGNLPPSMNLSQLLGLRKNISIHQAYQQCKEGAALWTVLQLNDSY
DLEEHLIDINQYTNKLRQELQSLKVDTQSLDLLSSAARRDLEALQSSGLQRIHYPDFLV
QIQRPVVKTSMEQLAQELQGLAQADNSVLGQRLQEEAQGLRNLHQEKVVPQQSL
VAKLNLSVRALESSAPNLQLETSDVLANVTYLKGELPAWAARILRNVSECFLAREMG
YFSQYVAWVREEVTQRIATCQPLSGALDNSRVILCDMMADPWNAFWFCLAWCTFF
LIPSIIFAVKTSKYFRPIRKRLSSTSSEETQLFHIPRVTSCLKLTRTRPLEQKLISEEDLAA
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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