

Recombinant Human Mesothelin Protein

Catalog #	Source	Reactivity	Applications
CRP2768	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human Mesothelin Protein is produced by mammalian expression system and the target gene encoding Glu296-Ser598 is expressed with a Fc tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Gene Symbol MSLN

Alternative Names MPF; Mesothelin; CAK1 antigen; Pre-pro-megakaryocyte-potentiating factor

Entrez Gene 10232 (Human)

SwissProt Q13421 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure EVEKTACPSG KKAPEIDESL IFYKKWELEA CVDAALLATQ MDRVNAIPFT YEQLDVLKHK LDELYPQGYP ESVIQHLGYL FLKMSPEDIR KWNVTSLETL KALLEVNKGH EMSPQVATLI DRFVKGRGQL DKDTLDTLTA FYPGYLCSLS PEELSSVPPS SIWAVRPQDL DTC DPRQLDV LYPKARLAFQ NMNGSEYFVK IQSFLGGAPT EDLKALSQQN VSMDLATFMK LRTDAVLPLT VAEVQKLLGP HVEGLKAEER HRPVRDWILR QRQDDLDTLG LGLQGGIPNG YLVLDLSMQE ALSDIEGRMD EPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR EEMTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTP PVLDSGDSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNH YTQKSLSLSP GK

Quality Control Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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