

Recombinant Human Mesothelin Protein

Catalog #	Source	Reactivity	Applications
CRP2769	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human Mesothelin Protein is produced by mammalian expression system and the target gene encoding Leu37-Arg286 is expressed with a 6His 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	LAGETGQEEA PLDGVLANPP NISSLSRQL LGFPCAIEVSG LSTERVRELA VALAQKNVKL STEQLRCLAH RLSEPPEDLD ALPLDLLLFL NPDAFSGPQA CTRFFSRITK ANVDLLPRGA PERQRLLPAA LACWGVVRSGL LSEADVRLG GLACDLPGRF VAESAEVLLP RLVSCPGPLD QDQQEAARAA LQGGGPPYGP PSTWSVSTMD ALRGLLPVLG QPIIRSIPQG IVAAWRQRSS RDPSWRQPER VDHHHHHH		
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 recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. 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.		

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

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

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