

## **Product Data Sheet**

## **Recombinant Mouse Serpin D1 Protein**

Catalog # Source Reactivity Applications

CRP3048 Human cells Mouse E, WB, SDS-PAGE, MS

**Description** Recombinant Mouse Serpin D1 Protein is produced by mammalian expression

system and the target gene encoding Glu24-Ser478 is expressed with a 6His tag at

the C-terminus.

Form Lyophilized from a 0.2 μm filtered solution of 20mM HEPES, 150mM NaCl, pH7.4.

Gene Symbol SERPIND1

Alternative Names HCF2; Heparin cofactor 2; Heparin cofactor II; HC-II; Protease inhibitor leuserpin-2;

HLS2; Serpin D1

Entrez Gene 15160 (Mouse)

SwissProt P49182 (Mouse)

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

Chemical Structure EQLTNENLTT SFLPANFHKE NTVTNDWIPE GEEDEDYLDL EKLLGEDDDY IYIIDAVSPT

DSESSAGNIL QLFQGKSRIQ RLNILNAKFA FNLYRVLKDQ ATTSDNLFIA PVGISTAMGM

ISLGLRGETH EEVHSVLHFR DFVNASSKYE VTTIHNLFRK LTHRLFRRNF GYTLRSVNGL

YIQKQFPIRE DFKAAMREFY FAEAQEANFP DPAFISKANN HILKLTKGLI KEALENIDPA

TQMLILNCIY FKGTWVNKFP VEMTHNHNFR LNEREVVKVS MMQTKGNFLA

ANDQELDCDI LQLEYVGGIS MLIVVPRKLS GMKTLEAQLT PQVVERWQKS MTNRTREVLL

PKFKLEKNYN LVEVLKSMGI TKLFNKNGNM SGISDQRIAI DLFKHQSTIT VNEEGTQAAA

VTTVGFMPLS TQVRFTVDRP FLFLVYEHRT SCLLFMGKVT NPAKSVDHHH HHH

Quality Control Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.

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

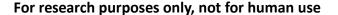
recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the

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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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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