

## Recombinant Mouse CD39 Protein

Catalog #	Source	Reactivity	Applications
CRP2918	Human cells	Mouse	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Mouse CD39 Protein is produced by mammalian expression system and the target gene encoding Thr38-Ile478 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
<b>Gene Symbol</b>	ENTPD1
<b>Alternative Names</b>	CD39; Ectonucleoside triphosphate diphosphohydrolase 1; NTPDase 1; Ecto-ATP diphosphohydrolase 1; Ecto-ATPDase 1; Ecto-ATPase 1; Ecto-apyrase; Lymphoid cell activation antigen; CD39
<b>Entrez Gene</b>	12495 (Mouse)
<b>SwissProt</b>	P55772 (Mouse)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	TQNKLPENV KYGIVLDAGS SHTNLIYKW PAEKENDTGV VQLEECQVK GPGISKYAQK TDEIGAYLAE CMELSTELIP TSKHHQTPVY LGATAGMRLR RMESQSADE VLA AVSTSLK SYPDFDFQGAK IITGQEEGAY GWITINYLLG RFTQEQSWLS LISDSQKQET FGALDLGGAS TQITFVPQNS TIESPENSLQ FRLYGEDYTV YTHSFLCYGK DQALWQKLAK DIQVSSGGVL KDPCFNPGYE KVVNVSELYG TPCTKRFEKK LPFDQFRIQG TGDYEQCHQS ILELFNNSHC PYSQCAFNGV FLPLHGSGF AFSAFYFVMD FFKKVAKNSV ISQEKMTEIT KNFCSKSWE TKTSYPSVKE KYLSEYCFSG AYILSLLQGY NFDSSWEQI HFMGKIKDSN AGWTLGYMLN LTNMIPAEQP LSPPLPHSTY IHHHHHH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
<b>Application key:</b>	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
<b>Species reactivity key:</b>	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

### COHESION BIOSCIENCES LIMITED

**WEB**  
www.cohesionbio.com

**ORDER**  
order@cohesionbio.com

**SUPPORT**  
techsupport@cohesionbio.com

**CUSTOM**  
custom@cohesionbio.com

# Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>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.

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

**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

## COHESION BIOSCIENCES LIMITED

### WEB

[www.cohesionbio.com](http://www.cohesionbio.com)

### ORDER

[order@cohesionbio.com](mailto:order@cohesionbio.com)

### SUPPORT

[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

### CUSTOM

[custom@cohesionbio.com](mailto:custom@cohesionbio.com)