

## Recombinant Human CD39 Protein

Catalog #	Source	Reactivity	Applications
CRP2654	Baculovirus	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human CD39 Protein is produced by Baculovirus expression system and the target gene encoding Thr38-Val478 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Liquid in a 0.2 µm filtered solution of 20mM Tris, 500mM NaCl, 10% Glycerol, pH8.1.
<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>	953 (Human)
<b>SwissProt</b>	P49961 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	TQNKALPENV KYGIVLDAGS SHTSLYIKW PAEKENDTGV VHQVEECRVK GPGISKFVQK VNEIGIYLTDCMERAREVIP RSQHQETPVY LGATAGMRLR RMESEELADR VLDVVERSLS NYPFDQFQGAR IITGQEEGAY GWITINYLLG KFSQKTRWFS IVPYETNNQE TFGALDLGGA STQVTFVPQN QTIESPDNAL QFRLYGKDYN VYTHSFLCYG KDQALWQKLA KDIQVASNEI LRDPCHFPGY KKVNVSDLY KTPCTKRFEM TLPFQQFEIQ GIGNYQQCHQ SILELFNTSY CPYSQCAFNG IFLPPLQGDF GAFSAFYFVM KFLNLTSEKV SKEKVTEMMK KFCAQPWEEI KTSYAGVKEK YLSEYCFSGT YILSLLQGY HFTADSWEHI HFIGKIQGSAGWTLGYMLN LTNMIPAEQP LSTPLSHSTY VHHHHHH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Directions for Use</b>	Please minimize freeze-thaw cycles.

**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

## Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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