

Recombinant Mouse CD157 Protein

Catalog #	Source	Reactivity	Applications
CRP2881	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CD157 Protein is produced by mammalian expression system and the target gene encoding Ala25-Glu285 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	BST1		
Alternative Names	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2; ADP-ribosyl cyclase 2; Bone marrow stromal antigen 1; BST-1; Cyclic ADP-ribose hydrolase 2; cADPr hydrolase 2; CD157		
Entrez Gene	12182 (Mouse)		
SwissProt	Q64277 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	ARARWRGEGT TPHLQSIFLG RCAEYTTLLS LGNKNCTAIW EAFKGVLDKD PCSVLPDSYD LFINLSRHPI PRDKSLFWEN NHLLVMSYGE NTRRLVALCD VLYGKVGDFL SWCRQENASG LDYQSCPTSE DCENNAVDSY WKSASMQYSR DSSGVINVML NGSEPKGAYP TRGFFADFEI PYLQKDKVTR IEIWVMHDVG GPNVESCPEG SVKILEDRLE ALGFQHSCIN DYRPVKFLMC VDHSTHPDCI MNSASASMRR EHHHHHH		
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.		

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

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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