

## Recombinant Human CD239 Protein

Catalog #	Source	Reactivity	Applications
CRP2623	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human CD239 Protein is produced by mammalian expression system and the target gene encoding Glu32-Ala547 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>	BCAM
<b>Alternative Names</b>	LU; MSK19; Basal cell adhesion molecule; Auberger B antigen; B-CAM cell surface glycoprotein; F8/G253 antigen; Lutheran antigen; Lutheran blood group glycoprotein; CD239
<b>Entrez Gene</b>	4059 (Human)
<b>SwissProt</b>	P50895 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	EVRLSVPLV EVMRGKSVIL DCTPTGTHDH YMLEWFLTDR SGARPRLASA EMQGSELQVT MHDTRGRSPP YQLDSQGRLV LAEAQVGDER DYVCVVRAGA AGTAEATARL NVFAKPEATE VSPNKGTLV MEDSAQEIAT CNSRNGNPAP KITWYRNGQR LEVPVEMNPE GYMTRSRTVRE ASGLLSLTST LYLRLRKDDR DASFHCAAHY SLPEGRHGRL DSPTFHLLTH YPTEHVQFWV GSPSTPAGWV REGDTVQLLC RGDGSPSPEY TLFRLQDEQE EVLNVNLEGN LTLEGVTRGQ SGTYGCRVED YDAADDVQLS KTLLELVAYL DPLELSEGKV LSLPLNSSAV VNCSVHGLPT PALRWTKDST PLGDGPMLSL SSITFDSNGT YVCEASLPTV PVLRSRTQNFT LLVQGSPELK TAEIEPKADG SWREGDEVTL ICSARGHPDP KLSWSQLGGS PAEPIGRQG WVSSSLTLKV TSALSRDGIS CEASNPBGNK RHFVHFGTVS PQTSQAHHHH HH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<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

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# Product Data Sheet

**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<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.

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