Recombinant Human ADP-ribosyl cyclase 2 (BST1)

Product Code	CSB-EP611986HU-B
Abbreviation	BST1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q10588
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GA RARWRGEGTS AHLRDIFLGR CAEYRALLSP EQRNKNCTAI WEAFKVALDK DPCSVLPSDY DLFINLSRHS IPRDKSLFWE NSHLLVNSFA DNTRRFMPLS DVLYGRVADF LSWCRQKNDS GLDYQSCPTS EDCENNPVDS FWKRASIQYS KDSSGVIHVM LNGSEPTGAY PIKGFFADYE IPNLQKEKIT RIEIWVMHEI GGPNVESCGE GSMKVLEKRL KDMGFQYSCI NDYRPVKLLQ CVDHSTHPDC ALKSAAAATQ RKA
Source	E.coli
Target Names	BST1
Protein Names	Recommended name: ADP-ribosyl cyclase 2 EC= 3.2.2.5 Alternative name(s): Bone marrow stromal antigen 1 Short name= BST-1 Cyclic ADP-ribose hydrolase 2 Short name= cADPr hydrolase 2 CD_antigen= CD157
Expression Region	29-293
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	Bone marrow stromal cell antigen-1 is a stromal cell line-derived glycosylphosphatidylinositol-anchored molecule that facilitates pre-B-cell growth. The deduced amino acid sequence exhibits 33% similarity with CD38. BST1 expression is enhanced in bone marrow stromal cell lines derived from patients with rheumatoid arthritis. The polyclonal B-cell abnormalities in rheumatoid arthritis may be, at least in part, attributed to BST1 overexpression in the stromal cell population.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final

	concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.