



# Recombinant Human ADP-ribosyl cyclase 2 (BST1)

<b>Product Code</b>	CSB-EP611986HU
<b>Abbreviation</b>	BST1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q10588
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GA RARWRGEGTS AHLRDIFLGR CAEYRALLSP EQRNKNCTAI WEAFKVALDK DPCSVLPSDY DLFINLSRHS IPRDKSLFWE NSHLLVNSFA DNTRRFMPLS DVLYGRVADF LSWCRQKNDS GLDYQSCPTS EDCENNPVDS FWKRASIQYS KDSSGVIHVM LNGSEPTGAY PIKGFADYE IPNLQKEKIT RIEIWVMHEI GGPNVESCGE GSMKVLEKRL KDMGFQYSCI NDYRPVKLLQ CVDHSTHPDC ALKSAAAATQ RKA
<b>Source</b>	E.coli
<b>Target Names</b>	BST1
<b>Protein Names</b>	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
<b>Expression Region</b>	29-293
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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

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