

Product datasheet for **TP727821**

Bone marrow stromal cell antigen 1 (BST1) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CD157/BST1 (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gly29-ÂLys292
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Note:	Recombinant Human ADP-ribosyl cyclase/cyclic ADP-ribose Hydrolase 2 is produced by our Mammalian expression system and the target gene encoding Gly29ÂLys292 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	683
UniProt ID:	Q10588
Summary:	The cluster of differentiation (CD) system is a glycosyl phosphatidylinositol anchored membrane protein that belongs to the CD38 family. It is generally used in immunophenotyping. CD157 was discovered in a bone marrow stromal cell line where it facilitates pre-B-cell growth. CD157 is a bifunctional ectoenzyme that exhibits both ADP-ribosyl cyclase and cyclic ADP ribose hydrolase activities followed with CD38. It plays a role in rheumatoid arthritis (RA) due to its enhanced expression in RA-derived bone marrow stromal cell lines. Studies have shown that this protein have a role in predicted to function as a cell surface receptor and an immunoregulatory molecule.



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