

## 32-7570: Recombinant Human CD157/BST1 (C-6His)(Discontinued)

**Gene :** BST1  
**Gene ID :** 683  
**Uniprot ID :** Q10588

### Description

Source: Human Cells.  
MW :30.8kD.

Recombinant Human CD157 is produced by our Mammalian expression system and the target gene encoding Gly29-Lys292 is expressed with a 6His at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** GARARWRGEGTSAHLRDIFLGRCAEYRALLSPEQRNKNCTAIWEAFKVALDKDPCSVLPSDYDLFINLSRHSIP  
RDKSLFWENSHLLVNSFADNTRRFMPLSDVLYGRVADFLSWCRQKNDSGLDYQSCPTSEDCENNPVDSFWK  
RASIYQSKDSSGVIHVMLNGSEPTGAYPIKGFADYEIPNLQKEKITRIEIVVMHEIGGPNVESC GEGSMKVLEKR  
LKDMGFQYSCINDYRPVKLLQCVDHSTHPDCALKSAAAATQRKHHHHHH

### Application Note

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.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.