



Recombinant Rat Immunoglobulin-binding protein 1 (Igbp1)

Product Code	CSB-MP011082RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O08836
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MAASEEELLL PRLPELFETS KKLLEEELEVA TEPTGSRTIQ DKVSKGLELL EKAAGMLSQL DLFSRNEDLE EIASIDLKYL MVPALQGALT MKQVNPSKRL DHLQRAREHF IHFLTQCHCY HVAEFQLPQT KNNSAENNTA RSSMAYPNLV AMASQRQAKI ERYKQKKEVE HRLSALKSAV ESGQADDERV REYYLLHLRR WIGISLEEIE SIDQEIKILK DKDSPREESA CQSSLPEKPP MKPFILTRNK AQAKVFGTGY PSLATMTVSD WYEQHQKYGA LPDRGIKPP SADFQRAAQQ QEDQE QKDEE NEEKALHRMR EWDDWKDTHP RGYGNRQNMG
Source	Mammalian cell
Target Names	Igbp1
Protein Names	Recommended name: Immunoglobulin-binding protein 1 Alternative name(s): Alpha4 phosphoprotein CD79a-binding protein 1
Expression Region	1-340
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 protein
Target Details	The proliferation and differentiation of B cells is dependent upon a B-cell antigen receptor (BCR) complex. Binding of antigens to specific B-cell receptors results in a tyrosine phosphorylation reaction through the BCR complex and leads to multiple signal transduction pathways.
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.