



Recombinant Bovine Inositol polyphosphate 1-phosphatase (INPP1)

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| Product Code | CSB-MP011729BO |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P21327 |
| Product Type | Recombinant Protein |
| Immunogen Species | Bos taurus (Bovine) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MSDILQELLR VSEKAANIAR ACRQQETLQ LLIIEKKEGE KNKKFAVDFK TLADVLVQEV IKENMENKFP GLGKKIFGEE SNEFTNDLGE KIIMRLGPT EETVALLSKV LNGNKLASEA LAKVVHQDVF FSDPALDSVE INIPQDILGI WVDPIDSTYQ YIKGSADITP NQGIFPSGLQ CVTVLIGVYD IQTGVPLMGV INQPFVSQDL HTRRWKGQCY WGLSYLGTNI HLLPPVSTR SNSEAQSQGT QNPSSEGSCR FSVVISTSEK ETIKGALSHV CGERIFRAAG AGYKSLCVIL GLADIYIFSE DTTFKWDSCA AHAILRAMGG GMVDLKECLE RNPDTGLDLP QLVYHVGNEG AAGVDQWANK GGLIAYRSEK QLETFLSRL QHLAPVATHT |
| Source | Mammalian cell |
| Target Names | INPP1 |
| Protein Names | Recommended name: Inositol polyphosphate 1-phosphatase Short name= IPP Short name= IPPase EC= 3.1.3.57 |
| Expression Region | 1-400 |
| 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 | This gene encodes the enzyme inositol polyphosphate-1-phosphatase, one of the enzymes involved in phosphatidylinositol signaling pathways. This enzyme removes the phosphate group at position 1 of the inositol ring from the polyphosphates inositol 1,4-bisphosphate and inositol 1,3,4-trisphosphate. |
| 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. |