Recombinant Human Inositol polyphosphate 1-phosphatase (INPP1)

Product Code	CSB-MP011729HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49441
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSDILRELLC VSEKAANIAR ACRQQEALFQ LLIEEKKEGE KNKKFAVDFK TLADVLVQEV IKQNMENKFP GLEKNIFGEE SNEFTNDWGE KITLRLCSTE EETAELLSKV LNGNKVASEA LARVVHQDVA FTDPTLDSTE INVPQDILGI WVDPIDSTYQ YIKGSADIKS NQGIFPCGLQ CVTILIGVYD IQTGVPLMGV INQPFVSRDP NTLRWKGQCY WGLSYMGTNM HSLQLTISRR NGSETHTGNT GSEAAFSPSF SAVISTSEKE TIKAALSRVC GDRIFGAAGA GYKSLCVVQG LVDIYIFSED TTFKWDSCAA HAILRAMGGG IVDLKECLER NPETGLDLPQ LVYHVENEGA AGVDRWANKG GLIAYRSRKR LETFLSLLVQ NLAPAETHT
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	1-399
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-trisphophosphate.
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.