



# Recombinant Human Inositol-3-phosphate synthase 1 (ISYNA1)

<b>Product Code</b>	CSB-EP011856HU
<b>Abbreviation</b>	ISYNA1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9NPH2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEAAAQFFVE SPDVVYGPEA IEAQYEYRTT RVSREGGVLK VHPTSTRFTF RTARQVPRLG VMLVGWGGNN GSTLTAAVLA NRLRLSWPTR SGRKEANYYG SLTQAGTVSL GLDAEGQEVF VPFSAVLPMV APNDLVFDGW DISSLNLAEA MRRAKVLDWG LQEQLWPHME ALRPRPSVYI PEFIAANQSA RADNLIPGSR AQQLEQIRRD IRDFRSSAGL DKVIVLWTAN TERFCEVIPG LNDAENLLR TIELGLEVSP STLFASVIL EGCAFLNGSP QNTLVPGALE LAWQHRVFGV GDDFKSGQTK VKSVLVDFLI GSKLKTMSIV SYNHLGNNDG ENLSAPLQFR SKEVSKSNVV DDMVQSNPVL YTPGEEPDC VVIKYVPYVG DSKRALDEYT SELMLGGTNT LVLHNTCEDS LLAAPIMLDL ALLTELCQRV SFCTDMDPEP QTFHPVLSLL SFLFKAPLVP PGSPVVNALF RQRSCIENIL RACVGLPPQN HMLLEHKMER PGPSLKRVP VAATYPMLNK KGPVPAATNG CTGDANGHLQ EPPMPTT
<b>Source</b>	E.coli
<b>Target Names</b>	ISYNA1
<b>Protein Names</b>	Recommended name: Inositol-3-phosphate synthase 1 Short name= IPS 1 EC= 5.5.1.4 Alternative name(s): Myo-inositol 1-phosphate synthase Short name= MI-1-P synthase Short name= MIP synthase Short name= hIPS Myo
<b>Expression Region</b>	1-558
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.



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