



# Recombinant Human Homeobox protein ESX1 (ESX1)

<b>Product Code</b>	CSB-EP847642HU-B
<b>Abbreviation</b>	ESX1
<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>	Q8N693
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MESLRGYTHS DIGYRSLAVG EDIEEVNDEK LTVTSLMARG GEDEENTRSK PEYGTEAENN VGTEGSVPSD DQDREGGGGH EPEQQQEEPP LTKPEQQQEE PPLLELKQEQ EEPQTVEG PQPAEGPQTA EGPQPPERKR RRRTAFTQFQ LQELENFFDE SQYPDVVARE RLAARLNLTE DRVQVWFQNR RAKWKRNRV LMLRNTATAD LAHPLDMFLG GAYYAAPALD PALCVHLVPQ LPRPPVLPVP PMPPRPPMVP MPPRPPIAPM PPMAPVPPGS RMAPVPPGPR MAPVPPWPPM APVPPWPPMA PVPTGPPMAP VPPGPPMARV PPGPPMARVP PGPPMAPLPP GPPMAPLPPG PPMAPLPPGP PMAPLPPRSR VPHTGLAPVH ITWAPVINSY YACPPF
<b>Source</b>	E.coli
<b>Target Names</b>	ESX1
<b>Protein Names</b>	Recommended name: Homeobox protein ESX1 Alternative name(s): Extraembryonic, spermatogenesis, homeobox 1 Cleaved into the following 2 chains: 1. Homeobox protein ESX1-N 2. Homeobox protein ESX1-C
<b>Expression Region</b>	1-406
<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.
<b>Shelf Life</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.