



# Recombinant Human Embryonal Fyn-associated substrate (EFS)

<b>Product Code</b>	CSB-EP007470HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O43281
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAIATSTQLA RALYDNTAES PQELSFRRGD VLRVLQREGA GGLDGWCLCS LHGQQGIVPA NRVKLLPAGP APKPSLSPAS PAQPGSPYPA PDHSNEDQEV YVPPPARPC PTSGPPAGPC PPSPDLIYKI PRASGTQLAA PRDALEVYDV PPTALRVPS GPYDCPASFS HPLTRVAPQP PGEDDAPYDV PLTPKPPAEL EPDLEWEGGR EPGPPIYAAP SNLKRASALL NLYEAPEELL ADGEGGGTDE GIYDVPLLGP EAPPSPEPPG ALASHDQDTL AQLLARSPPP PHRPRLPSAE SLSRRPLPAL PVPEAPSPSP VPSPAPGRKG SIQDRPLPPP PPRLPGYGGP KVEGDPEGRE MEDDPAGHHN EYEGIPMAEE YDYVHLKGMD KAQGSRPPDQ ACTGDPELPE RGMPAPQEAL SPGEPLVVST GDLQLLYFYA GQCQSHYSAL QAAVAALMSS TQANQPRLF VPHSKRVVVA AHRLVFGDT LGRLAASAPL RAQVRAAGTA LGQALRATVL AVKGAALGYP SSPAIQEMVQ CVTELAGQAL QFTTLLTSLA P
<b>Source</b>	E.coli
<b>Target Names</b>	EFS
<b>Protein Names</b>	Recommended name: Embryonal Fyn-associated substrate Short name= hEFS Alternative name(s): Cas scaffolding protein family member 3
<b>Expression Region</b>	1-561
<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>Target Details</b>	This protein contains a SH3 domain, which is known to be important in intracellular signal transduction. The protein encoded by a similiar gene in mice was shown to be able to bind to SH3 domain of protein-tyrosine kinases. The function of this gene is unknown. Two alternatively spliced variants have been described.
<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.



## 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.