

Recombinant Full Length Human EFS Protein, GST-tagged

Cat. No. EFS-4238HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EFS full-length ORF (NP_115835.1, 1 a.a. - 468 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	468 amino acids
Description	The longest protein isoform encoded by this gene contains an SH3 domain, which is known to be important in intracellular signal transduction. The protein encoded by a similar gene in mice was shown to bind to SH3 domains of protein-tyrosine kinases. The function of this gene is unknown. Three alternatively spliced variants encoding different isoforms have been described for this gene. [provided by RefSeq, Mar 2013]
Molecular Mass	75.4 kDa
AA Sequence	MAIATSVYVVPPPARPCPTSGPPAGPCPPSPDLIYKIPRASGTQLAAPRDALEVYDV PPTALRVPPSSGPYDCPASFSHPLTRVAPQPPGEDDAPYDVPLTPKPPAELEPDLEW EGGREPGPIYAAPSNLKRASALLNLYEAPEELLADGEGGGTDEGIYDVPLLGPPEAP PSPEPPGALASHDQDTLAQLLARSPPPPHRPLPSAESLSRRPLPALPVPEAPSPSP VPSPAPGRKGSIQDRPLPPPPRPLPGYGGPKVEGDPEGREMEDDPAGHHNEYEGI PMAEEYDYVHLKGMDKAQGSRPPDQACTGDPELPERGMPAPQEALSPGEPLVVST GDLQLLYFYAGQCQSHYSALQAAVAALMSSTQANQPPRFLVPHSKRVVVAHRLVF VGDTLGRLAASAPLRAQVRAAGTALGQALRATVLAVKGAALGYPSSPAQIEMVQCV

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TELAGQALQFTLLTSLAP

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

EFS embryonal Fyn-associated substrate [Homo sapiens]

Official Symbol

EFS

Synonyms

EFS; embryonal Fyn-associated substrate; Cas scaffolding protein family member 3;
CASS3; EFS1; EFS2; HEFS; SIN; signal transduction protein (SH3 containing);
CAS3;

Gene ID

10278

mRNA Refseq

NM_005864

Protein Refseq

NP_005855

MIM

609906

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UniProt ID

O43281

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