Recombinant Human EFS Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EFS-3849H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EFS MS Standard C13 and N15-labeled recombinant protein (NP_115835) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 similiar 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.
Molecular Mass	49 kDa
AA Sequence	MAIATSVYVVPPPARPCPTSGPPAGPCPPSPDLIYKIPRASGTQLAAPRDALEVYDV PPTALRVPSSGPYDCPASFSHPLTRVAPQPPGEDDAPYDVPLTPKPPAELEPDLEW EGGREPGPPIYAAPSNLKRASALLNLYEAPEELLADGEGGGTDEGIYDVPLLGPEAP PSPEPPGALASHDQDTLAQLLARSPPPPHRPRLPSAESLSRRPLPALPVPEAPSPSP VPSPAPGRKGSIQDRPLPPPPPRLPGYGGPKVEGDPEGREMEDDPAGHHNEYEGI PMAEEYDYVHLKGMDKAQGSRPPDQACTGDPELPERGMPAPQEALSPGEPLVVST GDLQLLYFYAGQCQSHYSALQAAVAALMSSTQANQPPRLFVPHSKRVVVAAHRLVF VGDTLGRLAASAPLRAQVRAAGTALGQALRATVLAVKGAALGYPSSPAIQEMVQCV

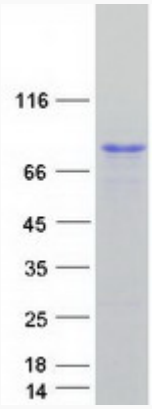
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	TELAGQALQFTTLLTSLAPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	EFS embryonal Fyn-associated substrate [Homo sapiens (human)]
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_032459
Protein Refseq	NP_115835
MIM	609906

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UniProt ID	O43281
SDS-PAGE	

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