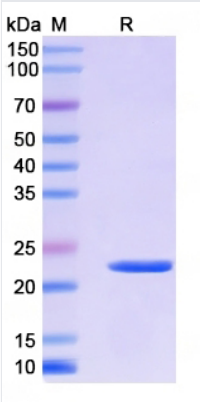
EAF1 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	EAF1, Recombinant Protein
Full Product Name	Recombinant Human EAF1 Protein, N-His-SUMO
Product Gene Name	EAF1 recombinant protein
Product Synonym Names	EAF1; ELL-associated factor 1
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 degree C for twelve months from the date of receipt.
Molecular Weight	268
Sequence Positions	Gly19-Thr111
OMIM	608315
3D Structure	ModBase 3D Structure for Q96JC9
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for EAF1 recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for EAF1 recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for EAF1 recombinant protein	MBS1578023 is a recombinant protein targeting EAF1. Also known as Recombinant Human EAF1 Protein, N-His-SUMO. Host: E coli.
Product References and Citations for EAF1 recombinant protein	ELL-associated factors EAF1/2 negatively regulate HIV-1 transcription through inhibition of Super Elongation Complex formation. PMID: 32087315 Negative Feedback Loop Mechanism between EAF1/2 and DBC1 in Regulating ELL Stability and Functions. PMID: 36036574 Zebrafish eaf1 suppresses foxo3b expression to modulate transcriptional activity of gata1 and spi1 in primitive hematopoiesis. PMID: 24445282 Transcriptional factors Eaf1/2 inhibit endoderm and mesoderm formation via suppressing TGF-? signaling. PMID: 28887217 Eaf1 and Eaf2 negatively regulate canonical Wnt/?-catenin signaling. PMID: 23364330
Other Notes	Small volumes of EAF1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of EAF1 recombinant protein
SDS PAGE for Recombinant Human EAF1 protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EAF1. It may not necessarily be applicable to this product.

NCBI GI #	73919265
NCBI GeneID	85403
NCBI Accession #	Q96JC9.1
UniProt Primary Accession #	Q96JC9
UniProt Secondary Accession #	Q8IW10; B4E3F5
UniProt Related Accession #	Q96JC9
NCBI Official Full Name	ELL-associated factor 1
NCBI Official Synonym Full Names	ELL associated factor 1
NCBI Official Symbol	EAF1
UniProt Protein Name	ELL-associated factor 1
Protein Family	Chromatin modification-related protein
UniProt Gene Name	EAF1
UniProt Entry Name	EAF1_HUMAN
NCBI Protein Information	ELL-associated factor 1; ELL (eleven nineteen lysine-rich leukemia gene)-associated factor 1
UniProt Comments for EAF1	EAF1: Acts as a transcriptional transactivator of ELL and ELL2 elongation activities. Belongs to the EAF family. Protein type: Transcription factor Chromosomal Location of Human Ortholog: 3p25.1 Cellular Component: nucleoplasm; Cajal body; transcription elongation factor complex; cytoplasm; nuclear speck Molecular Function: protein binding Biological Process: regulation of transcription, DNA-dependent; transcription, DNA-dependent
Research Articles on EAF1	**1.** Findings provide the first convincing line of evidence that EAF and Wnt4 form an auto-regulatory negative feedback loop in vivo.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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