

Product datasheet for TP306542

ALS (IGFALS) (NM_004970) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human insulin-like growth factor binding protein, acid labile subunit (IGFALS), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206542 protein sequence Red =Cloning site Green =Tags(s)

MALRKGG LALALLLSWVALGPRSLEGADPGTGPGEAEGPACPAACVCSYDDDADELSVFCSSRNLTRLPD
GVPGGTQALWLDGNNLSSVPPAAFQNLSSLGFLNLQGGQLGSLEPQALLGLENLCHLHLERNQLRSLAL
G

TFAHTPALASLGLSNNRSLRLEDGLFEGLGSLWDLNLGWNSLAVLPDAAFRLGSLRELVLVAGNRLAYLQ
PALFSGLAELRELDLSRNALRAIKANVFVQLPRLQKLYLDRNLIAAVAPGAFLGLKALRWLDLSHNRVAG
LLEDTFPGLLGLRVLRLSHNAIASLRPRTFKDLHFLEELQLGHNRRIRQLAERSFEGLGQLEVLTDHNQL
QEVKAGAFGLTNMAMVNLSGNCLRNLPQVFRGLGKLHSLHLEGSCLGRIRPHTFTGLSGLRRLFLKDN
GLVGIEEQLWGLAELLELDLTSNQLTHLPHRLFQGLGKLEYLLSRNRLAELPADALGPLQRAFWDVVS
HNRLEALPNSLLAPLGRRLYLSLRNNSLRFTFPQPPGLERLWLEGNPWDCGCPKALRDFALQNPSAVPR
FVQAICEGDDCQPPAYTYNNITCASPPEVGLDLRDLSEAHFAPC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

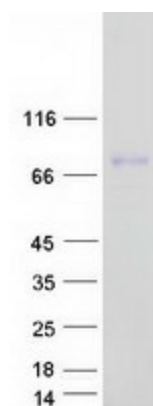
Tag:	C-Myc/DDK
Predicted MW:	63.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004961
Locus ID:	3483
UniProt ID:	P35858
RefSeq Size:	2168
Cytogenetics:	16p13.3
RefSeq ORF:	1815
Synonyms:	ACLSL; ALS
Summary:	The protein encoded by this gene is a serum protein that binds insulin-like growth factors, increasing their half-life and their vascular localization. Production of the encoded protein, which contains twenty leucine-rich repeats, is stimulated by growth hormone. Defects in this gene are a cause of acid-labile subunit deficiency, which manifests itself in a delayed and slow puberty. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
Protein Families:	Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified IGFALS protein (Cat# TP306542). The protein was produced from HEK293T cells transfected with IGFALS cDNA clone (Cat# [RC206542]) using MegaTran 2.0 (Cat# [TT210002]).