

Product datasheet for TP524134

Zfp385a (NM_013866) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse zinc finger protein 385A (Zfp385a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224134 representing NM_013866 Red =Cloning site Green =Tags(s)
	<p>MILGSLSRAGPLPLLRQPPIMQPPMDLKQILPFPLEPAPTGLFNSYSTMDPVQKAVLSHTFGGPLLKTK RPVISCNVCQIRFNSQSQAEAHYKGNRHARRVKGIEAAKTRGREPSVRESGDPAPAGSIPPSGDGVAPRP VSMENGLGPAGSPEKQPGSPSPSPVESGQGVTKGEGGTSVPASLPGGSKEEEEKAKRLLYCALCKVAV NLSLQLEAHNKGTKHKHTILEARSGLGPIKAYPRLGPPTGPEPEAPAQDRTFHCEICNVKVNSEVQLKQHI SSRRHRDGVAGKPNPLLSRHKKPRGAAELAGTLTFSKELPKSLAGLLPSPLAVAAVMAAAAGSPLSLRP APAAPLLQGGPITHPLLHPAPGPIRTAHGPILFSPY</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	40.4 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
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 after receiving vials.
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_038894
Locus ID:	29813
UniProt ID:	Q8VD12



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RefSeq Size: 2320

Cytogenetics: 15 F3

RefSeq ORF: 1158

Synonyms: Hzf; Zfp385; Znf385a

Summary: RNA-binding protein that affects the localization and the translation of a subset of mRNA. May play a role in adipogenesis through binding to the 3' UTR of CEBPA mRNA and regulation of its translation. Targets ITPR1 mRNA to dendrites in Purkinje cells, and may regulate its activity-dependent translation. With ELAVL1, binds the 3' UTR of p53/TP53 mRNAs to control their nuclear export induced by CDKN2A. Hence, may regulate p53/TP53 expression and mediate in part the CDKN2A anti-proliferative activity. May also bind CCNB1 mRNA. Alternatively, may also regulate p53/TP53 activity through direct protein-protein interaction. Interacts with p53/TP53 and promotes cell-cycle arrest over apoptosis enhancing preferentially the DNA binding and transactivation of p53/TP53 on cell-cycle arrest target genes over proapoptotic target genes. May also regulate the ubiquitination and stability of CDKN1A promoting DNA damage-induced cell cycle arrest. Also plays a role in megakaryocytes differentiation. [UniProtKB/Swiss-Prot Function]