

Product datasheet for TP507090

Esrp1 (NM_194055) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse epithelial splicing regulatory protein 1 (Esrp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207090 protein sequence Red =Cloning site Green =Tags(s)

MTESLNFEKSDSVSRYGASQVEDMGNILAMISEPYNHRFSDPERLNYKFESGTCMKMELIDDSTVWRAR
GLPWQSSDQDIARFFKGLNIAKGGAAALCLNAQGRRNGEALVRFVSEEHRDLALQRHKHHMGTRYIEVYKA
TGEDFLKIAGGTSNEVAQFLSKENQVIVRMRGLPFTATAEEVVAFFGQHCPITGGKEGILFVTPDGRPT
GDAFVLFACEEYQNALRKHKELLGKRYIELFRSTAAEVQVQLNRFSSAPLIPLTPPIIPVLPQQFVPP
TNVRDCIRLRGLPYAATIEDILDFLGEFSTDIRTHGVHMLVNHQGRPSGDAFIQMKSTDRAFMAAQKYHK
KTMKDRYVEVFQCSAEEMNFVLMGGTLNRNGLSPPPCLSPPSYTFPAPTAVIPTAAIYQPSLLLNPRAL
QPSTAYYPAGTQLFMNYTAYPSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	49.6 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_918944
Locus ID:	207920



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UniProt ID: [Q3US41](#), [F8WGU3](#)

RefSeq Size: 3969

Cytogenetics: 4 A1

RefSeq ORF: 1335

Synonyms: 2210008M09Rik; A630065D16; BC031468; Rbm35a

Summary: mRNA splicing factor that regulates the formation of epithelial cell-specific isoforms. Specifically regulates the expression of FGFR2-IIIb, an epithelial cell-specific isoform of FGFR2. Also regulates the splicing of CD44, CTNND1, ENAH, 3 transcripts that undergo changes in splicing during the epithelial-to-mesenchymal transition (EMT). Acts by directly binding specific sequences in mRNAs. Binds the GU-rich sequence motifs in the ISE/ISS-3, a cis-element regulatory region present in the mRNA of FGFR2 (By similarity). Regulates splicing and expression of genes involved in inner ear development, auditory hair cell differentiation, and cell fate specification in the cochlear epithelium (PubMed:29107558).[UniProtKB/Swiss-Prot Function]