

Product datasheet for TP521147

Erc1 (NM_178085) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ELKS/RAB6-interacting/CAST family member 1 (Erc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221147 representing NM_178085 Red=Cloning site Green=Tags(s)

MDLQTLKEVLRENDLLRKDVEVKESKLSSSMNSIKTFWSPELKKERALRKDEASKITIWKEQYRVVQEE
 NQHMQMTIQALQDELRIQRDLNQLFQQDSSSRTGEPVAELTEENFQRLHAEHERQAKELFLLRKTLLEEM
 ELRIETQKQTLNARDESIIKLEMLQSKGLSAKATEEDHERTRRLAEAEMHVHLESLLLEQKEKENMMLR
 EEMHRRFENAPDSAHTKALQTVIEMKDSKISSMERGLRDLEEEIQMLKSNGLSSEEREEMKQMEVYRS
 HSKFMKNKIGQVKQELSRKDTELLALQTKLETLTNQFSDSKQHIEVLKESLTAKEQRAAILQTEVKSFC
 LCRIQSIPSFILLYICYV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	43.9 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_835186
Locus ID:	111173
UniProt ID:	Q99MI1



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RefSeq Size:	2351
Cytogenetics:	6 F1
RefSeq ORF:	1104
Synonyms:	4930404L01Rik; 5033405M01Rik; 9630025C19Rik; B430107L16Rik; CAST2; ELKS; Elks1
Summary:	Regulatory subunit of the IKK complex. Probably recruits I κ B α /NF κ B1A to the complex (By similarity). May be involved in the organization of the cytomatrix at the nerve terminals active zone (CAZ) which regulates neurotransmitter release. May be involved in vesicle trafficking at the CAZ. May be involved in Rab-6 regulated endosomes to Golgi transport. [UniProtKB/Swiss-Prot Function]