

Product datasheet for TP524591

Ebf2 (NM_010095) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse early B cell factor 2 (Ebf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224591 representing NM_010095 Red=Cloning site Green=Tags(s)

MFGIQDTLGRGPALKDKSLGAEMDSVRSWVRNVGWDANVAAQSGVALSRAHFQPPSNLRKSNFFHFV
LALYDRQQQPVEIERTAFVDFVENDKEQGNEKTNNGTHYKLQLLYSNGVRTEQDLYVRLIDSVTKQPIAY
EGQNKNPENMCRVLLTHEVMCSRCEKSKCGNRNETPSDPVIIDRFLLKFFLKCQNCLKTAGNPRDMRRF
QVVLSTTVNVDGHVLAUSDNMFVHNNKHGRRARRLDPEATPCIKAISPSEGWTTGGAMVIIIGDNFFD
GLQVVFMTMLVWSELITPHAIRVQTPPRHIPGVVEVTLKYKSKQFCKGAPGRFIYTALNEPTIDYGFQRL
QKVIPRHPGDPERLAKEMLLKRAADLVEALYGTPHNNQDIILKRAADIAEALYSVPRNPSQIPALSSSPA
HSGMMGINSYGSQGLVSIESTQGNNQGYIRNTSSISPRGYSSSSTPQQSNYSTSSNSMNGYSNVPMANL
GVPGSPGFLNGSPTGSPYIGIMSSSPTVGSSTSSILPFSSSVFPAVKQKSAFAPVIRPQGSPPACSSGN
GNGFRAMTGLVPPM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	63.1 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.



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RefSeq:	NP_034225
Locus ID:	13592
UniProt ID:	O08792
RefSeq Size:	5527
Cytogenetics:	14 D1
RefSeq ORF:	1725
Synonyms:	D14Ggc1e; EBF-2; Mmot1; O/E-3; OE-3
Summary:	Transcription factor that, in osteoblasts, activates the decoy receptor for RANKL, TNFRSF11B, which in turn regulates osteoclast differentiation. Acts in synergy with the Wnt-responsive LEF1/CTNNB1 pathway. Recognizes variations of the palindromic sequence 5'-ATCCCNNGGGAATT-3'. [UniProtKB/Swiss-Prot Function]