

Product datasheet for TP510837

Bend3 (NM_199028) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse BEN domain containing 3 (Bend3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210837 protein sequence Red =Cloning site Green =Tags(s) MNSTEISEDVEEVLKNNPVKAEGSDATLDCSRNSRASEKHLLSVLTALHDSSKRKQLDSDGQPDSVPSV KRRRLIPEALLAGMRTRENSSPCQNGEPASRGRSGSCAWPAEEEPSTEATVPSYKKPLYGISHKIMEKK NPPSGDLLSPYELFEKANSSSGPSPLRLLESQKRECGVGVATDGDNIYFLIQKMFYMLNGLTTNMSQL HSKMDLLSLEVSRVKKQVSPSELVAKFQPPPEYQLTASELKQIAEQSLSCGDLACRLLLQLFPELFSVDV FSRGCSACGFAAKRKLESLHLQLIRNYVEVYYPNVKDTAVWQAECLPQLNDDFFSRFWAQREMEDSQPGG Q VTNFFEADQVDAGHFLDNKDQEEALSLDRSSTIASDHVDTQDLTEFLDEASSPGEFAVLLHRLFPELF DHRKLGEQYSCYGDGGKQELDPQRLQIIRNYTEIYFPDMQEEAWLQQCAQRINDELEGLGLEGGSEGEA PRDDCYDSSSLPDDISVVKVEDNFEGERPGRRSKKIWLVPIDFDKLEIPQPDFEMPGSDCLLSKEQLRSI YESSLSIGNFASRLLVHLFPELFTHENLRKQYNCSSGLGKKQLDPARIRLIRHYVQLLYPRAKNDRVWTL EFVGKLDERCRRRDTEQRRSYQQQRKVHVPGEPCRDASYAINPERFREEFEGPPLPPERSSKDFCKIPL DELVWSPDFVPVSPYLLSDKEVREIVQQSLVGNFAARLLVRLFPELFTTENLRLQYNHSGACNKKQLD PTRLRIRHYVEAVYPVEKMEEVWHYECIPSIDERCRRPNRKKCDILKKAKKVEK TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	94.2 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.


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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_950193
Locus ID:	331623
UniProt ID:	Q6PAL0
RefSeq Size:	6049
Cytogenetics:	10 B2
RefSeq ORF:	2475
Synonyms:	mKIAA1553
Summary:	Transcriptional repressor which associates with the NoRC (nucleolar remodeling complex) complex and plays a key role in repressing rDNA transcription. The sumoylated form modulates the stability of the NoRC complex component BAZ2A/TIP5 by controlling its USP21-mediated deubiquitination (By similarity). Binds to unmethylated major satellite DNA and is involved in the recruitment of the Polycomb repressive complex 2 (PRC2) to major satellites (PubMed:25457167). Stimulates the ERCC6L translocase and ATPase activities (By similarity). [UniProtKB/Swiss-Prot Function]