

Product datasheet for TP521467

Birc7 (NM_001163247) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse baculoviral IAP repeat-containing 7 (lavin) (Birc7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221467 representing NM_001163247 Red =Cloning site Green =Tags(s)
	<p>MFSPADLFRAAVFSMGPESRARDSVRGPELSHREDGSGRTQEQDKPHPCPNHVLGQDCLDGQILGQLRPL SEEESSGA AFLGEPAPFEMDSEDLRLASFYDWPSTAGIQPEPLAAAGFFHTGQQDKVRCFFCYGGLQSW ERGDDPWTEHARWFPRCQFLRSKGRDFVERIQTYTPLLGSWDQREEPEDAVSATPSAPAHGPELLRSR RETQPEDVSEPGAKDVQEQLRQLQEERRCKVCLDRAVSIVFVPCGHFVCTECAPNLQLCPICRVPICSCV RTFLS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	32.4 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_001156719
Locus ID:	329581
UniProt ID:	A2AWP0



[View online »](#)

RefSeq Size: 1178

Cytogenetics: 2 H4

RefSeq ORF: 855

Synonyms: E130019N06; KIAP; Livin; ML-IAP

Summary: Apoptotic regulator capable of exerting proapoptotic and anti-apoptotic activities and plays crucial roles in apoptosis, cell proliferation, and cell cycle control. Its anti-apoptotic activity is mediated through the inhibition of caspase-3, -7, and -9, as well as by its E3 ubiquitin-protein ligase activity. As it is a weak caspase inhibitor, its anti-apoptotic activity is thought to be due to its ability to ubiquitinate DIABLO/SMAC targeting it for degradation thereby promoting cell survival. May contribute to caspase inhibition, by blocking the ability of DIABLO/SMAC to disrupt XIAP/BIRC4-caspase interactions. Protects against apoptosis induced by TNF or by chemical agents such as adriamycin, etoposide or staurosporine. Suppression of apoptosis is mediated by activation of MAPK8/JNK1, and possibly also of MAPK9/JNK2. This activation depends on TAB1 and NR2C2/TAK1.[UniProtKB/Swiss-Prot Function]