

Product datasheet for **TP526023**

Btla (NM_001037719) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse B and T lymphocyte associated (Btla), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226023 representing NM_001037719 Red =Cloning site Green =Tags(s)

MKTVPAMLGTPRLFREFFILHLGLWSILCEKATKRNDEECPVQLTITRNSKQSARTGELFKIQCPVKYCV
HRPNVTWCKHNGTICVPLEVSPQLYTSWEENQSVPVFVLHFKPIHLSDNGSYSCSTNFNSQVINSHSVTI
HVTERTQNSSEHPLITVSDIPDATNASGPSTMEERPGRTWLLYTLPLGALLLLACVCLLFLKRIQGK
EKKPSDLAGRDTNLVDIPASSRTNHQALPSGTGIYDNDPWSSMQDESELTISLQSERNNQGIVYASLNHC
VIGRNPQRQENMQEAPTEYASICVRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	34.7 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_001032808
Locus ID:	208154
UniProt ID:	Q7TSA3 , E9QNY6 , Q32MV8



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RefSeq Size: 3235

Cytogenetics: 16 B5

RefSeq ORF: 918

Synonyms: A630002H24

Summary: Inhibitory receptor on lymphocytes that negatively regulates antigen receptor signaling via PTPN6/SHP-1 and PTPN11/SHP-2 (PubMed:12796776, PubMed:14652006). May interact in cis (on the same cell) or in trans (on other cells) with TNFRSF14 (PubMed:19915044). In cis interactions, appears to play an immune regulatory role inhibiting in trans interactions in naive T cells to maintain a resting state. In trans interactions, can predominate during adaptive immune response to provide survival signals to effector T cells (PubMed:19915044). [UniProtKB/Swiss-Prot Function]