

Recombinant Gallus gallus Tubulin beta-1 chain

Catalog No: #AP72384



Package Size: #AP72384-1 20ug #AP72384-2 100ug #AP72384-3 1mg

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Description

Product Name	Recombinant Gallus gallus Tubulin beta-1 chain
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-439aaSequence Info:Partial
Accession No.	P09203
Uniprot	P09203
Calculated MW	53.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MREIVHIQAGQCQGNQIGAKFWVISDEHGIDPTGSYHGSDQLQLERINVYYNEAAGNKYVPRAILVDLEPGTM DSVRSRGGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAELVDSVLDVVRKESESCDCLQGFQLTHSLGGGTG SGMGTLISKIREEYPDRIMNTFSVMPSPKVSdTVEPYNATVSVHQLVENTDETYCIDNEALYDICFRTLKLT PTYGDLNHLVSATMSGVTTCLRFPGQLNADLRKLA/NM/PFPRLLHFFMPGFAPLTSRGSQQYRALTVP ELTQ QMFDSKNMMAACDPRHGRYLTVAIFRGRMSMKEVDEQMLNVQKNSSYFVEWIPNNVKTAVCDIP PRGLK MSATFIGNSTAIQELFKRISEQFTAMFRRKAFLHWYTGEQMDMEFTEAESNMNDLVSEYQQYQ DATADEQGEFE
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain.

References

Apparent gene conversion between beta-tubulin genes yields multiple regulatory pathways for a single beta-tubulin polypeptide isotype.Sullivan K.F., Lau J.T.Y., Cleveland D.W.Mol. Cell. Biol. 5:2454-2465(1985)Research Topic:Others

Note: This product is for in vitro research use only