

Recombinant human Negative elongation factor B

Catalog No: #AP71830



Package Size: #AP71830-1 20ug #AP71830-2 100ug #AP71830-3 1mg

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Description

Product Name	Recombinant human Negative elongation factor B
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:8-199aaSequence Info:Partial
Other Names	Cofactor of BR;CA1
Accession No.	Q8WX92
Uniprot	Q8WX92
GeneID	25920;
Calculated MW	48.9 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	LGVANGEDLKETLTNCTEPLKAIEQFQTENGVLLPSLQSQALPFLDLHGTPRLEFHQSVFDELDRDKLLERVSIAIAS EGKAEERYKKLEDLLEKSFSLVKMPSLQPVVMCMKHLPKVPEKKLKLVMADKELYRACAVEVKRQIWQDNQ ALFGDEVSPLLKQYILEKESALFSTELSVLHNFFSPSPKTRRQGE
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

Essential component of the NELF complex, a complex that negatively regulates the elongation of transcription by RNA polymerase II. The NELF complex, which acts via an association with the DSIF complex and causes transcriptional pausing, is counteracted by the P-TEFb kinase complex. May be able to induce chromatin unfolding.

References

BRCA1-induced large-scale chromatin unfolding and allele-specific effects of cancer-predisposing mutations.Ye Q., Hu Y.-F., Zhong H., Nye A.C., Belmont A.S., Li R.J. Cell Biol. 155:911-921(2001)Research Topic:Transcription

Note: This product is for in vitro research use only