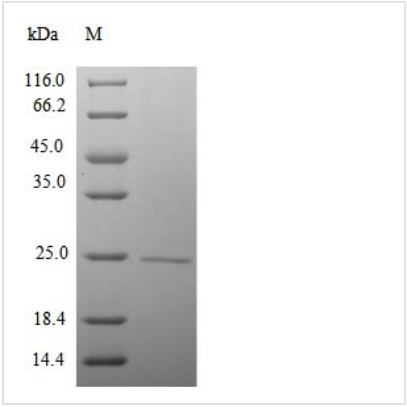
Recombinant Mouse RNA polymerase II subunit A C-terminal domain phosphatase (Ctdp1), partial

Product Code	CSB-EP745884MO
Relevance	Processively dephosphorylates 'Ser-2' and 'Ser-5' of the heptad repeats YSPTSPS in the C-terminal domain of the largest RNA polymerase II subunit. This promotes the activity of RNA polymerase II. Plays a role in the exit from mitosis by dephosphorylating crucial mitotic substrates (USP44, CDC20 and WEE1) that are required for M-phase-promoting factor (MPF)/CDK1 inactivation
Abbreviation	Recombinant Mouse Ctdp1 protein, partial
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.
Uniprot No.	Q7TSG2
Alias	TFIIF-associating CTD phosphatase
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	HRNRKLVLMVDLDQTLIHTTEQHCPQMSNKGIFHFQLGRGEPMLHTRLRPHC KDFLEKIAKLYELHVFTFGSRLYAHTIAGFLDPEKKLFSHRILSRDECIDPFSKTG NLRNLFPCGDSMVCIIDDREDVWKFAPNLITVKKYVYFPGTGDVNAPPAARET QAR
Research Area	Signal Transduction
Source	E.coli
Target Names	Ctdp1
Protein Names	Recommended name: RNA polymerase II subunit A C-terminal domain phosphatase EC= 3.1.3.16 Alternative name(s): TFIIF-associating CTD phosphatase
Expression Region	178-341aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	24.0kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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