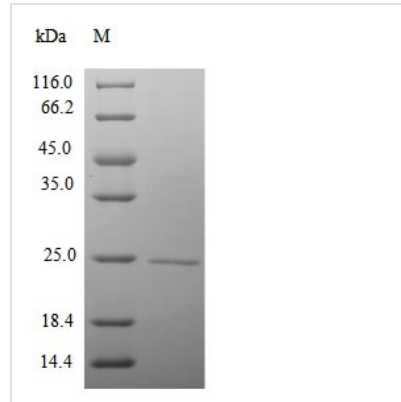




Recombinant Mouse RNA polymerase II subunit A C-terminal domain phosphatase (Ctdp1), partial

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|--------------------------|--|
| 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 | ≥ 90% as determined by SDS-PAGE. |
| Sequence | HRNRKLVLMVDLDQTLIHTEQHCQPMSNKGIFHFQLGRGEPMLHTRLRPHC 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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