Recombinant Mouse CTDP1 Protein (178-341 aa), His-Myc-tagged

Cat. No. CTDP1-2204M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CTDP1 Protein (178-341 aa) is produced by E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Mouse
Source	E.coli
ProteinLength	178-341 aa
Description	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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	24.0 kDa
AA Sequence	HRNRKLVLMVDLDQTLIHTTEQHCPQMSNKGIFHFQLGRGEPMLHTRLRPHCKDFL EKIAKLYELHVFTFGSRLYAHTIAGFLDPEKKLFSHRILSRDECIDPFSKTGNLRNLFP CGDSMVCIIDDREDVWKFAPNLITVKKYVYFPGTGDVNAPPAARETQAR

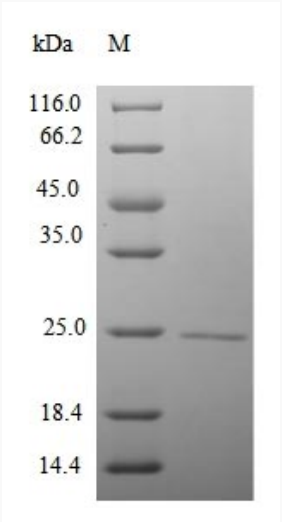
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	Ctdp1 CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1 [Mus musculus]
Official Symbol	CTDP1
Synonyms	CTDP1; TFIIF-associating CTD phosphatase; AW553592; 4930563P03Rik;
Gene ID	67655
mRNA Refseq	NM_026295
Protein Refseq	NP_080571
UniProt ID	Q7TSG2

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

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