Recombinant Full Length Human CTDSP1 Protein, GST-tagged

Cat. No. CTDSP1-2224HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CTDSP1 full-length ORF (NP_872580.1, 1 a.a. - 260 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	260 amino acids
Description	This gene encodes a member of the small C-terminal domain phosphatase (SCP) family of nuclear phosphatases. These proteins play a role in transcriptional regulation through specific dephosphorylation of phosphoserine 5 within tandem heptapeptide repeats of the C-terminal domain of RNA polymerase II. The encoded protein plays a role in neuronal gene silencing in non-neuronal cells, and may also inhibit osteoblast differentiation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]
Molecular Mass	55.5 kDa
AA Sequence	MDSSAVITQISKEEARGPLRGKGDQKSAASQKPRSRGILHSLFCCVCRDDGEALPA HSGAPLLVEENGAIPKTPVQYLLPEAKAQDSDKICVVIDLDETLVHSSFKPVNNADFII PVEIDGVVHQVYVLKRPHVDEFLQRMGELFECVLFTASLAKYADPVADLLDKWGAF RARLFRESCVFHRGNYVKDLSRLGRDLRRVLILDNSPASYVFHPDNAVPVASWFDN MSDTELHDLLPFFEQLSRVDDVYSVLRQPRPGS

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CTDSP1 CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1 [Homo sapiens]
Official Symbol	CTDSP1
Synonyms	CTDSP1; CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1; carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 1; NLIIF; nuclear LIM interactor interacting factor; SCP1; small CTD phosphatase 1; NLI-interacting factor 3; small C-terminal domain phosphatase 1; nuclear LIM interactor-interacting factor 3; NIF3; NLI-IF
Gene ID	58190
mRNA Refseq	NM_001206878
Protein Refseq	NP_001193807
MIM	605323

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UniProt ID	Q9GZU7

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