

Product datasheet for **AR09953PU-L**

CTDSP1 (1-260, His-tag) Human Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | CTDSP1 (1-260, His-tag) human recombinant protein, 0.25 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | <u>MGSSHHHHHH SSGLVPRGSH</u> MDSSAVITQI SKEEARGPLR GKGDQKSAAS QKPRSRGILH SLFCCVCRDD GEALPAHSGA PLLVEENGAI PKTPVQYLLP EAKAQDSDKI CVWIDLDEL VHSSFKPVNN ADFIIPVEID GVVHQVYVLK RPHVDEFLQR MGELFECVLF TASLAKYADP VADLLDKWGA FRARLFRESC VFHRGNYVKD LSRLGRDLRR VLILDNSPAS YVFHPDNAVP VASWFDNMSD TELHDLLPFF EQLSRVDDVY SVLRQPRPGS |
| Tag: | His-tag |
| Predicted MW: | 31.2 kDa |
| Concentration: | lot specific |
| Purity: | >90% |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 20% glycerol, 0.1M NaCl |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human CTDSP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | <u>NP_001193807</u> |
| Locus ID: | 58190 |
| UniProt ID: | <u>Q9GZU7</u> |
| Cytogenetics: | 2q35 |
| Synonyms: | NIF3; NLI-IF; NLIIF; SCP1 |



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Summary:

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]

Protein Families:

Phosphatase

Product images: