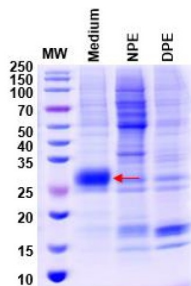
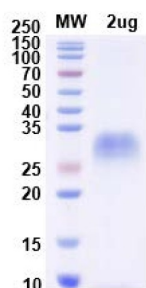


Mouse Collagen Triple Helix Repeat Containing Protein 1 (CTHRC1) Protein

Catalogue No.: abx620128



SDS-PAGE analysis of expression tests of the target protein using coomassie blue staining. The negative control is marked Ø. Briefly, the bacterial cells were collected by centrifugation. The supernatant (medium) was lysed in a buffer containing PBS, pH 7.5. After centrifugation, the soluble supernatant fraction was collected (native protein extraction - NPE). The insoluble fraction was collected and solubilized with a denaturing buffer (8 M Urea). After centrifugation, the supernatant was collected (denatured protein extraction - DPE). The NPE and DPE fractions were analyzed by SDS-PAGE. The target genes were transfected in HEK293 cells, 1.5 ml of culture medium and cells were collected on 6th day of post-transfection. After semi-purification, the optimal expression was observed in culture medium, NPE and DPE fraction.



SDS-PAGE analysis of recombinant Mouse CTHRC1 Protein after purification (His-tag on Ni resin). Briefly, equilibration buffer used was PBS, pH 7.5. There were 3 wash step, using PBS, pH 7.5, with increasing concentration of imidazole with each wash (0, 10 and 30 mM respectively). The elution buffer was PBS, pH 7.5, 300 mM imidazole.

Mouse Collagen Triple Helix Repeat Containing Protein 1 (CTHRC1) Protein is a recombinant Mouse Protein expressed in mammalian cells, containing a C-terminal His-tag.

Target: Collagen Triple Helix Repeat Containing Protein 1 (CTHRC1)

Origin: Mouse

Expression: Recombinant

Tested Applications: SDS-PAGE

Host: Mammalian cells

Form: Lyophilized

Activity: Not tested

Storage: Store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q9D1D6 ([UniProt](#), [ExPASy](#))

Gene Symbol: CTHRC1

Datasheet

Version: 4.0.0
Revision date: 21 Oct 2025



GeneID: [68588](#)

KEGG: mmu:68588

Ensembl: ENSMUSG00000054196

String: [10090.ENSMUSP00000070018](#)

Sequence Fragment: 33-245 AA (Full length without the signal peptide)

Sequence: SENPKVKQ KALIRQREVV DLYNGMCLQG PAGVPGRDGS PGANGIPGTP GIPGRDGFKG
EKGECLRESF EESWTPNYKQ CSWSSLNYGI DLGKIAECTF TKMRSNSALR VLFSGSLRLK
CRNACCQRWY FTFNGAECESG PLPIEAIYL DQGSPELNST INIHRSSVE GLCEGIGAGL
VDVAIWVGTC SDYPKGDAST GWNSVSRIII EELPK GSHHHHHH

Tag: C-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.5.

Endotoxin Level: < 10 EU/mg

Concentration: Prior to lyophilization: 0.60 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.