

Recombinant Human YTHDC2 Protein, GST-tagged

Cat. No. YTHDC2-20H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human YTHDC2 protein (1288-1421) with a N-terminal GST-tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1288-1421
Description	This gene encodes a member of the DEAH (Asp-Glu-Ala-His) subfamily of proteins, part of the DEAD (Asp-Glu-Ala-Asp) box family of RNA helicases. The encoded protein binds to N6-methyladenosine, a common modified RNA nucleotide that is enriched in the stop codons and 3' UTRs of eukaryotic messenger RNAs. Binding of proteins to this modified nucleotide may regulate mRNA translation and stability. This gene may be associated with susceptibility to pancreatic cancer in human patients, and knockdown of this gene resulted in reduced proliferation in a human liver cancer cell line.
Form	50 mM HEPES, pH 8.0, with 150 mM sodium chloride and 10% glycerol
Molecular Mass	42.13 kDa
Purity	≥85% estimated by SDS-PAGE
Applications	WB, ELISA

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Stability ≥ 1 year

Storage Store at -80 centigrade

GENE INFORMATION

Gene Name YTHDC2 YTH domain containing 2 [Homo sapiens (human)]

Official Symbol YTHDC2

Synonyms YTHDC2; YTH domain containing 2; CAHL; hYTHDC2; 3'-5' RNA helicase YTHDC2; CsA-associated helicase-like protein; probable ATP-dependent RNA helicase YTHDC2

Gene ID 64848

mRNA Refseq NM_022828

Protein Refseq NP_073739

MIM 616530

UniProt ID Q9H6S0

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**SDS-PAGE of
YTHDC2**



Lane 1: MW Markers, Lane 2: YTHDC2 (2 μ g), Lane 3: YTHDC2 (4 μ g).
Representative gel image shown; actual purity may vary between each batch.

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