

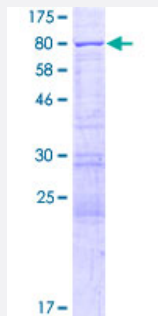
Full-Length

YTHDF2 (Human) Recombinant Protein (P01)

Catalog # H00051441-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human YTHDF2 full-length ORF (NP_057342.2, 1 a.a. - 579 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSASSLLEQRPKGQGKQNGSVHQDGLNDDDFEPYLSPQARPNNAYTAMSDSYLPSYYSPSI
GFSYSLGEAAWSTGGDTAMPYLTSGQLSNGEPHFLPDAMFGQPALGSTPFLGQHGFNFFPS
GIDFSAWGNSSQGQSTQSSGYSSNYAYAPSSLGGAMIDGQSAFANETLNKAPGMNTIDQGMAA
LKLGSTEVASNPVKVGSVAVGSGSITSNIVASNSLPPATIAPPKPASWADIASKPAKQQPKLTKN
GIAGSSLPPPIKHNMMDIGTWDNKGVPVAKAPSQALVQNIQPTQGSPQPVGQQANNSPPVAQAS
VGQQTQPLPPPPQPAQLSVQQQAAQPTRWVAPRNRGSGFGHNGVDGNGVGQSQAGSGSTP
SEPHPVLEKLRSINNYNPKDFDWNLKHGRVFIKSYSEDDIHRSIKYNWCSTEHGKRLDAAYRSM
NGKGPVYLLFSVNGSGHFCGVAEMKSAVDYNTCAGVWSQDKWKGRFDVRWIFVKDVPNSQLR
HIRLENNENKPTNSRDTQEVPLEKAKQVLKIASYKHTTSIFDDFSHYEKRQEEEEESVKKERQGR
GK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

88.7

Interspecies Antigen Sequence

Mouse (99); Rat (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — YTHDF2

Entrez GeneID	51441
GeneBank Accession#	NM_016258.2
Protein Accession#	NP_057342.2
Gene Name	YTHDF2
Gene Alias	HGRG8, NY-REN-2
Gene Description	YTH domain family, member 2
Omim ID	152430 610640
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	9430020E02Rik OTTHUMP00000003782 YTH domain family 2 high glucose-regulated protein 8 high-glucose-regulated protein 8

Publication Reference

- [HSP90 \$\beta\$ Impedes STUB1-Induced Ubiquitination of YTHDF2 to Drive Sorafenib Resistance in Hepatocellular Carcinoma.](#)

Yuning Liao, Yuan Liu, Cuifu Yu, Qiucheng Lei, Ji Cheng, Weiyao Kong, Yuanhui Yu, Xuefen Zhuang, Wenshuang Sun, Shusha Yin, Gengxi Cai, Hongbiao Huang.

Advanced Science (Weinheim, Baden-Württemberg, Germany) 2023 Sep; 10(27):e2302025.

Application: WB-Re, Human, HEK293T, HepG2/3B cells