

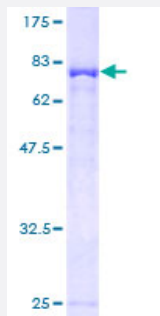
Full-Length

RUVBL1 (Human) Recombinant Protein (P01)

Catalog # H00008607-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RUVBL1 full-length ORF (AAH02993, 1 a.a. - 456 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKIEEVKSTTKTQRIASHSHVKGLGLDESLAKQAASGLVGQENAREACGVIVELIKSKKMAGRA
VLLAGPPGTGKTALALAIQELGSKVPFCPMVGSEVYSTEIKKTEVLMENFRAIGLRKETKEVYE
GEVTELTPECETENPMGGYGKTISHVIGLKTAKGTKQLKDPSIFESLQKERVEAGDVIYEANS
GAVKRQGRCDTYATEFDLEAEEYVPLPKGDVHKKKEIQDVTLDHLDVANARPQGGQDILSMMGQLMK
PKKTEITDKLRGEINKVVKYDQGAELVPGVLFVDEVHMLDIECFYTLHRALESSIAPVIFASNRG
NCVIRGTEDITSPHGIPLDLLDRVMIIRTMLYTPQEMKQIIKIRAQTEGINISEEALNHLGEIGTKTLRYS
VQLLTPANLLAKINGKDSIEKEHVEEISELFYDAKSSAKILADQQDKYMK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

75.9

Interspecies Antigen Sequence

Mouse (99); Rat (99)

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 — RUVBL1

Entrez GeneID	8607
GeneBank Accession#	BC002993
Protein Accession#	AAH02993
Gene Name	RUVBL1
Gene Alias	ECP54, INO80H, NMP238, PONTIN, Pontin52, RVB1, TIH1, TIP49, TIP49A
Gene Description	RuvB-like 1 (E. coli)
Omim ID	603449
Gene Ontology	Hyperlink
Other Designations	INO80 complex subunit H RuvB (E coli homolog)-like 1 RuvB-like 1 TATA binding protein interacting protein 49 kDa

Publication Reference

- [LncRNA HAND2-AS1 promotes liver cancer stem cell self-renewal via BMP signaling.](#)

Wang Y, Zhu P, Luo J, Wang J, Liu Z, Wu W, Du Y, Ye B, Wang D, He L, Ren W, Wang J, Sun X, Chen R, Tian Y, Fan Z.

The EMBO Journal 2019 Sep; 38(17):e101110.

Application: Func, Antibody, Probe

- [Identification and validation of new autoantibodies for the diagnosis of DCIS and node negative early-stage breast cancers.](#)

Lacombe J, Mangé A, Jarlier M, Bascoul-Mollevi C, Rouanet P, Lamy PJ, Maudelonde T, Solassol J.

International Journal of Cancer 2013 Mar; 132(5):1105.

Application: ELISA, Human, Serum

Pathway

- [Wnt signaling pathway](#)

Disease

- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Retinoblastoma](#)