

Recombinant Rat Was protein, His & T7-tagged

Cat. No. Was-1970R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Was aa. (Met1~Gly298) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Gly298
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 90%
Characteristic	The isoelectric point is 6.7.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage Buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

[Was Wiskott-Aldrich syndrome \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Was](#)

Synonyms

Vdr; Cp2b; Cyp1; Pddr; Vdd1; Vddr; Cyp40; Vddrl; Cyp27b; P450c1; 1alpha(OH)ase; 25(OH)D 1alpha-hydroxylase; 25-OHD-1 alpha-hydroxylase; 25-hydroxyvitamin D(3) 1-alpha-hydroxylase; 25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial precursor (25-OHD-1 alpha-hydroxylase) (25-hydroxyvitamin D3 1-alpha-hydroxylase) (VD3 1A hydroxylase) (P450C1 alpha) (P450VD1-alpha); 25-hydroxyvitamin D3 1alpha-hydroxylase; P450VD1alpha; VD3 1A hydroxylase; calcidiol 1-monooxygenase; cytochrome P450 subfamily XXVIIb polypeptide 1; cytochrome P450, 27b1; cytochrome P450, 40 (25-hydroxyvitamin D3 1 alpha-hydroxylase); cytochrome P450C1 alpha; cytochrome P450VD1-alpha; cytochrome p450 27B1; 25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial

Gene ID

[317371](#)

mRNA Refseq

[NM_001108248.1](#)

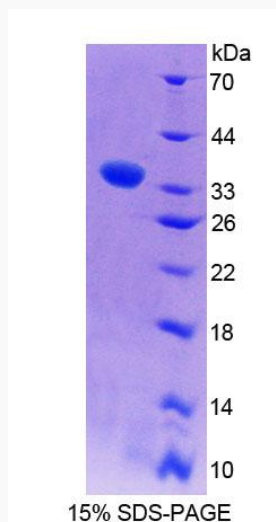
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Protein Refseq NP_001101718.1

UniProt ID G3V9K5



SDS-PAGE

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