

Wolfram Syndrome Protein 1 (WFS1) Recombinant Protein | WFS1 recombinant protein

Recombinant Wolfram Syndrome Protein 1 (WFS1)

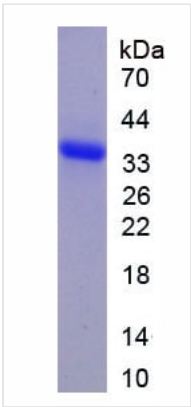
CATALOG # AAA150764	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Wolfram Syndrome Protein 1 (WFS1); Recombinant Wolfram Syndrome Protein 1 (WFS1); Wolfram Syndrome Protein 1; DFNA14; DFNA38; DFNA6; DIDMOAD; WFRS; WFS; Wolframin; WFS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Met1~Lys300
Applicable Applications for WFS1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7
Subcellular Location	Secreted
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



MDSNTAPLGP SCPQPPPAQ PQARSRLNAT ASLEQERSER PRAPGPQAGP
GPGVRDAAAP AEPQAHTRS RERADGTGPT KGDMEIPFEE VLERAKAGDP
KAQTEVGKHY LQLAGTDEE LNSCTAVDWL VLAAKQGRRE AVKLLRRCLA
DRRGITSENE REVRQLSSET DLERAVRKAA LVMYWKLNPK KKKQVAVAE
LENVGVNEH DGAQGPVP KSLQKRRML ERLVSSESKN YIALDDFVEI
TKKYAKGVIP SSLFLQDDED DDELACKSPE DLPLRLKVVK YPLHAIMEIK

Sequence

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for WFS1 recombinant protein	Neuro science; Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119602804
NCBI GeneID	7466
UniProt Accession #	O76024; Q8N6I3; Q9UNW6; B2R797; D3DVT1
Molecular Weight	100,292 Da
NCBI Official Full Name	Wolfram syndrome 1 (wolframin), isoform CRA_a
NCBI Official Synonym Full Names	Wolfram syndrome 1 (wolframin)
NCBI Official Symbol	WFS1
NCBI Official Synonym Symbols	WFS; WFRS; WFSL; CTRCT41
NCBI Protein Information	wolframin
UniProt Protein Name	Wolframin
UniProt Gene Name	WFS1
UniProt Entry Name	WFS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.