

Product datasheet for TP511076

Wfs1 (NM_011716) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse wolframin ER transmembrane glycoprotein (Wfs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211076 protein sequence Red=Cloning site Green=Tags(s)

MNSGTPPPSPSGPPPPAPQPQARARLNATASLEQDKIEPPRAPRPQADPSAGRSAGEAAAPEPRAPQTG
SREETDRAGPMKADVEIPFEEVLEKAKAGDPKAQTEVGKHYLRANDADEELNSCSAVAWLILAAKQGRR
EAVKLLRRCLADRKGITSENEAEVKQLSSETDLERAVRKAALVMYWKLNPKKKKQVAVSELLENVGVNE
QDGGAQPGPVPKSLQKQRRMLERLVSSSKNYIALDDFVELTKKYAKGIPTNLFQDEDEDEDELAKGS
PEDLPLRQKVVKYPLHAIMEIKEYLIDVASKAGMHWLSTIVPTHHINALIFFFIISNLIDFFAFFIPLV
VFYLSFVSMVICTLKVFQDSKAWENFRTLTDLLRFEPNLDVEQAEVNFVGNHLEPYIHFLLSVVFVIFS
FPLASKDCIPCSELAVISTFFTATSYSLSLSSAEPYTRRALVTEVAAGLLSLLPTVPVDWRFLKVLGQTF
FTVPVGHFIILNVSLPCLLYVYLFYLFRRMAQLRNFKGTICYLVPYLVCFMWCELSVILLQSTGLGLVR
ASIGYFLFLFALPILVAGLALMGTVQFARWFLSLDLTKIMVTTVICGVPLFRWWTKANFSVMGMVKSILT
KSSMVKLILVWLTAILLFCWFYVYRSEGKVVNSTLTWQQYGFCLGPRAWKETNMARTQILCSHLEGHRV
TWTGRFKYVRVTEIDNSAESAINMLPFLLGDWMRCLYGEAYPSCSSGNTSTAEELCRLKQLAKHPCHIK
KFDRYKFEITVGMPPFGTNGNRGHEEDDITKDIVLRASSEFKDVLLNLRQGSLEFSTILEGRLGSKWPVF
ELKAISCLNCMTQLSPARRHVKIEQDWRSTVHGALKFAFDFFFFPFLSAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	100.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_035846
Locus ID:	22393
UniProt ID:	P56695 , Q3UN10 , Q3TDI2
RefSeq Size:	3564
Cytogenetics:	5 B3
RefSeq ORF:	2673
Synonyms:	A1481085; wolframin
Summary:	Participates in the regulation of cellular Ca(2+) homeostasis, at least partly, by modulating the filling state of the endoplasmic reticulum Ca(2+) store.[UniProtKB/Swiss-Prot Function]