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Datasheet for ABIN7554096
HECW1 Protein (AA 1-1606) (His tag)

Overview

Quantity:	1 mg
Target:	HECW1
Protein Characteristics:	AA 1-1606
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HECW1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HECW1 Protein expressed in mammalian cells.
Sequence:	<p>MLLHLCSVKN LYQNRFLGLA AMASPSRNSQ SRRRCKEPLR YSYNPDQFHN MDLRGGPHDG VTIPRSTSDT DLVTSDSRST LMVSSSYYSI GHSQDLVIHW DIKEEVDAGD WIGMYLIDEV LSENFLDYKN RGVNGSHRGQ IIWKIDASSY FVEPETKICF KYHGVSGAL RATTSPVTVK NSAAPIFKSI GADETVQGGG SRRLISFSL SDFQAMGLKKG MFFNPDPYLK ISIQPGKHSI FPALPHHGQE RRSKIIGNTV NPIWQAEQFS FVSLPTDVLE IEVKDKFAKS RPIKRFLGK LSMPVQRLLE RHAIGDRVVS YTLGRRLPTD HVSGQLQFRF EITSSIHPPD EEISLSTEPE SAQIQDSPMN NLMESGSGEP RSEAPESSES WKPEQLGEGS VPDGPGNQSI ELSRPAEEAA VITEAGDQGM VSVGPEGAGE LLAQVQKDIQ PAPSAAEELAE QLDLGEESA LLEDGEAPA STKEEPLLEE ATTQSRAGRE EEEKEQEEEG DVSTLEQGEG RLQLRASVKR KSRPCSLPVS ELETVIASAC GDPETPRTHY IRIHTLLHSM PSAQGGSAAE EEDGAEEST LKDSSEKDGL SEVDTVAADP SALEEDREEP EGATPGTAHP GHSGGHFPSL ANGAAQDGDG HPSTGSESDS SPRQGGDHSC EGCDASCCSP SCYSSSCYST SCYSSSCYSA SCYSPSCYNG NRFASHTRFS</p>

SVDSAKISES TVFSSQDDEE EENSAFESVP DSMQSPELDPESTNGAGPWQ DELAAPSGHV
ERSPEGLESP VAGPSNRREG ECPILHNSQP VSQPLSLRPE HHHYPTIDEP LPPNWEARID
SHGRVFYVDH VNRTTTWQRP TAAATPDGMR RSGSIQQMEQ LNRRYQNIQR TIATERSEED
SGSQSCEQAP AGGGGGGGSD SEAESSQSSL DLRREGSLSP VNSQKITLLL QSPAVKFITN
PEFFTVLHAN YSAYRVFTSS TCLKHMLKV RRDARNFERY QHNRDLVNFIMNFADTRLEL
PRGWEIKTDQ QGKSFFVDHN SRATTFIDPR IPLQNGRLPN HLTHRQHLQR LRSYSAGEAS
EVSRRNGASL LARPGHSLVA AIRSQHQHES LPLAYNDKIV AFLRQPNIFE MLQERQPSLA
RNHTLREKIH YIRTEGNHGL EKLSCDADLV ILLSLFEEEE MSYVPLQAAF HPGYSFSPRC
SPCSSPQNSP GLQRASARAP SPYRRDFEAK LRNFYRKLEA KGFGQGPVKI KLIIRRDHLL
EGTFNQVMAY SRKELQRNKL YVTFVGEGL DYSGPSREFF FLLSQELFNP YYGLFEYSAN
DTYTVQISPM SAFVENHLEW FRFSGRILGL ALIHQYLLDA FFTRPFYKAL LRLPCDLSDL
EYLDEEFHQS LQWMKDNNIT DILDLTFTVN EEVFGQVTER ELKSGGANTQ VTEKNKKEYI
ERMVQWRVER GVVQQTEALV RGFYEVVDSR LVSVFDAREL ELVIAGTAEI DLNDWRNNTTE
YRGGYHDGHL VIRWFWAAVE RFNNEQRLRL LQFVTGTSSV PYEGFAALRG SNGLRRFCIE
KWGKITSLPR AHTCFNRLDL PPYPSYSMLY EKLLTAVEET STFGLE **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Product Details

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	HECW1
Alternative Name:	HECW1 (HECW1 Products)
Background:	E3 ubiquitin-protein ligase HECW1 (EC 2.3.2.26) (HECT, C2 and WW domain-containing protein 1) (HECT-type E3 ubiquitin transferase HECW1) (NEDD4-like E3 ubiquitin-protein ligase 1) (hNEDL1),FUNCTION: E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent degradation of DVL1. Also targets the mutant SOD1 protein involved in familial amyotrophic lateral sclerosis (FALS). Forms cytotoxic aggregates with DVL1, SSR3 and mutant SOD1 that lead to motor neuron death in FALS. {ECO:0000269 PubMed:14684739}.
Molecular Weight:	179.6 kDa
UniProt:	Q76N89

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months