

Recombinant Human WWP2 Protein (A2-E870), His tagged

Cat. No. WWP2-0443H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human 6His-TEV-(GG)-WWP2(A2-E870 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	A2-E870
Description	E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Polyubiquitinates POU5F1 by 'Lys-63'-linked conjugation and promotes it to proteasomal degradation; in embryonic stem cells (ESCs) the ubiquitination is proposed to regulate POU5F1 protein level. Ubiquitinates EGR2 and promotes it to proteasomal degradation; in T-cells the ubiquitination inhibits activation-induced cell death. Ubiquitinates SLC11A2; the ubiquitination is enhanced by presence of NDFIP1 and NDFIP2. Ubiquitinates RPB1 and promotes it to proteasomal degradation.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	80%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80

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	centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 5% glycerol, 1 mM DTT.
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	WWP2 WW domain containing E3 ubiquitin protein ligase 2 [Homo sapiens (human)]
Official Symbol	WWP2
Synonyms	WWP2; WW domain containing E3 ubiquitin protein ligase 2; NEDD4-like E3 ubiquitin-protein ligase WWP2; AIP2; WW domain-containing protein 2; atrophin-1 interacting protein 2; atrophin-1-interacting protein 2; Nedd-4-like ubiquitin-protein ligase; WWp2-like;
Gene ID	11060
mRNA Refseq	NM_007014
Protein Refseq	NP_008945
MIM	602308
UniProt ID	O00308

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