Recombinant Human VCPIP1 Protein (M1-S1222), Tag Free

Cat. No. VCPIP1-0366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VCPIP1(M1-S1222 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	M1-S1222
Description	Deubiquitinating enzyme involved in DNA repair and reassembly of the Golgi apparatus and the endoplasmic reticulum following mitosis. Necessary for VCP-mediated reassembly of Golgi stacks after mitosis. Plays a role in VCP-mediated formation of transitional endoplasmic reticulum (tER). Mediates dissociation of the ternary complex containing STX5A, NSFL1C and VCP. Also involved in DNA repair following phosphorylation by ATM or ATR: acts by catalyzing deubiquitination of SPRTN, thereby promoting SPRTN recruitment to chromatin and subsequent proteolytic cleavage of covalent DNA-protein cross-links (DPCs). Hydrolyzes 'Lys-11'- and 'Lys-48'-linked polyubiquitin chains.
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	90%
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, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	VCPIP1 valosin containing protein interacting protein 1 [Homo sapiens (human)]
Official Symbol	VCPIP1
Synonyms	VCPIP1; valosin containing protein interacting protein 1; DUBA3; VCIP135; deubiquitinating protein VCPIP1; VCP/p47 complex-interacting 135-kDa protein; deubiquitinating protein VCIP135; valosin-containing protein p97/p47 complex-interacting protein 1; valosin-containing protein p97/p47 complex-interacting protein p135; EC 3.4.19.12
Gene ID	80124
mRNA Refseq	NM_025054
Protein Refseq	NP_079330
MIM	611745
UniProt ID	Q96JH7

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