

Active Recombinant Human VCPIP, GST-tagged

Cat. No. VCPIP-129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VCPIP CD(25-561), fused with GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	25-561 a.a.
Description	VCPIP is a cysteine protease and is a member of the OTU superfamily of proteins. Cloning of the human gene was first described by Nagase et al.
Form	50 mM HEPES pH 7.5, 150 mM sodium chloride, 2 mM dithiothreitol, 10% glycerol
Bio-activity	Deubiquitylase Enzyme Assay: The activity of GST-VCPIP was validated by determining the increase in fluorescence measured as a result of the enzyme catalysed cleavage of the fluorogenic substrate Ubiquitin-Rhodamine110-Glycine generating Ubiquitin and Rhodamine110-Glycine. Incubation of the substrate in the presence or absence of GST-VCPIP was compared confirming the deubiquitylating activity of GST-VCPIP.
Molecular Mass	~87kDa
Storage	12 months at -70°C; aliquot as required.

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Concentration	0.5 mg/ml
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