

# Product Datasheet

## Recombinant Human p97/VCP GST (N-Term) Protein H00007415-P02-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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**H00007415-P02-10ug****Recombinant Human p97/VCP GST (N-Term) Protein**

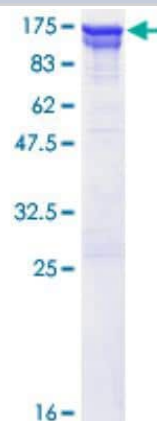
<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
<b>Target Molecular Weight</b>	115.7 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-806 of Human VCP full-length ORF</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>            MASGADSKGDDLSTAILKQKPNRPNRLIVDEAINEDNSVVSLSQPKMDELQLFRG            DTVLLKGKKRREAVCIVLSDDTCSDEKIRMNRVVRNLRVRLGDVISIQPCPDV            KYGKRIHVLPIDDTVEGITGNLFEVYLKPYFLEAYRPIRKGDFLVRGGMRAVEF            KVVETDPSPYCIVAPDTVIHCEGEPKREDEEEESLNEVGYYDDIGGCRKQLAQIKE            MVELPLRHPALFKAIGVKPPRGILLYGPPGTGKTLIARAVANETGAFFFLINGPEI            MSKLAGESESNLRKAFEEAEKNAPAIIFIDELDAIAPKREKTHGEVERRIVSQLLT            LMDGLKQRAHVIVMAATNRPNSIDPALRRFGRFDREVDIGIPDATGRLEILQIHT            KNMKLADDVDLEQVANETHGHVGDLAALCSEALQAIKKMDLIDLEDETIDA            EVMNSLAVTMDDFRWALSQSNPSALRETVVEVPQVTWEDIGGLEDVKRELQE            LVQYPVEHPDKFLKFGMTPSKGVLFYGGPGGKTLAKAIANECQANFISIKGP            ELLTMWFGSEANVREIFDKARQAAPCVLFFDELDSIAKARGGNIGDGGGAAD            RVINQILTEMDGMSTKKNVFIIIGATNRPDIIDPAILRPGRLDQLIYIPLPDEKSRVAI            LKANLRKSPVAKDVDLEFLAKMTNGFSGADLTEICQRACKLAIRESIESEIRRER            ERQTNPSAMEVEEDDPVPEIRRDHFEEAMRFARRSVSDNDIRKYEMFAQTLQ            QSRGFGSFRFSPGNQGGAGPSQGSGGGTGGSVYTEDNDDDLYG</p>
<b>Gene ID</b>	7415
<b>Gene Symbol</b>	VCP
<b>Species</b>	Human
<b>Preparation Method</b>	in vitro wheat germ expression system
<b>Details of Functionality</b>	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Protein Array, Immunoaffinity Purification

**Recommended Dilutions**

Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Protein Array, Immunoaffinity Purification

**Images**

SDS-Page: p97/VCP Recombinant Protein [H00007415-P02]

**Publications**

Songa WH, Yia YJ, Sutovsky M et al. Autophagy and ubiquitin proteasome system contribute to sperm mitophagy after mammalian fertilization. *Proc Natl Acad Sci U S A* 2016-08-24 [PMID: 27551072]

Greenblatt MB, Park KH, Oh H et al. CHMP5 controls bone turnover rates by dampening NF-kB activity in osteoclasts *J. Exp. Med.* 2015-07-27 [PMID: 26195726]





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### **Products Related to H00007415-P02-10ug**

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H00007415-Q02-10ug	Recombinant Human p97/VCP GST (N-Term) Protein
H00008878-M01	p62/SQSTM1 Antibody (2C11)
NB100-1558	p97/VCP Antibody
H00023435-M01	TDP-43/TARDBP Antibody (2E2-D3)

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### **Limitations**

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