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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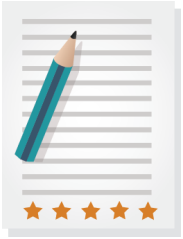


H00007415-P02-10ug

Recombinant Human p97/VCP GST (N-Term) Protein

Product Information

Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	115.7 kDa

Product Description

Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-806 of Human VCP **Source:** *Wheat Germ (in vitro)* **Amino Acid Sequence:** MASGADSKGDDLSTAILKQKNRPNRLIVDEAINEDNSVVSLSQPKMDELQLFRG DTVLLKGKKRREAVCIVLSDDTCSDEKIRMNRVVRNNLRVRLGDVISIQPCPDV KYGKRIHVLPIDDTVEGITGNLFEVYLKPYFLEAYRPIRKGDIFLVRGGMRAVEF KVVETDPSPYCIVAPDTVIHCEGEPIKREDEEESLNEVGYDDIGGCRKQLAQIKE MVELPLRHPALFKAIGVKPPRGILLYGPPGTGKTLIARAVANETGAFFFLINGPEI MSKLAGESESNLRKAFEEAEKNAPAIIFIDELDAIAPKREKTHGEVERRIVSQLLT LMDGLKQRAHVIVMAATNRPNSIDPALRRFGRFDREVDIGIPDATGRLEILQIHT KNMKLADDVDLEQVANETHGHVGADLAALCSEAALQAIRKKMDLIDLEDETIDA EVMNSLAVTMDDFRWALSQSNPSALRETVVEVPQVTWEDIGGLEDVKRELQE LVQYPVEHPDKFLKFGMTPSKGVLFYGPPGCGKTLLAKAIANECQANFISIKGP ELLTMWFGESEANVREIFDKARQAAPCVLFFDELDSIAKARGGNIGDGGGAAD RVINQILTEMDGMSTKKNVFIIGATNRPDIIDPAILRPGRLDQLIYIPLPDEKSRVAI LKANLRKSPVAKDVDLEFLAKMTNGFSGADLTEICQRACKLAIRESIESEIRRER ERQTNPSAMEVEEDDPVPEIRRDHFEEAMRFARRSVSDNDIRKYEMFAQTLQ QSRGFGSFRFPSGNQGGAGPSQGSGGGTGGSVYTEDNDDDLYG
Gene ID	7415
Gene Symbol	VCP
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	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.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

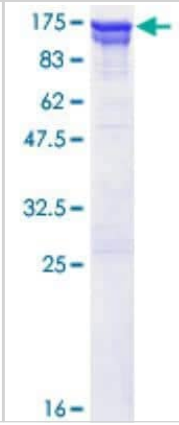
Product Application Details

Applications	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

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)

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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