Product Datasheet

Recombinant Human CBLB GST (N-Term) Protein H00000868-P01-2ug

Unit Size: 2 ug

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

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Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
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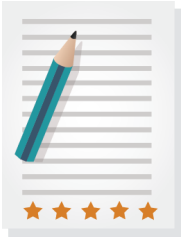
Updated 10/24/2024 v.20.1



H00000868-P01-2ug

Recombinant Human CBLB GST (N-Term) Protein

Product Information

Unit Size	2 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	135.8 kDa

Product Description

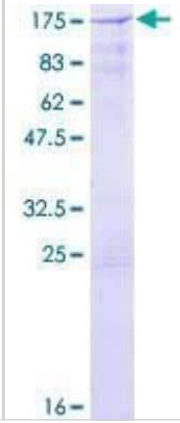
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-982 of Human CBLB **Source:** *Wheat Germ (in vitro)* **Amino Acid Sequence:** MANSMNGRNPGGRGGNPRKGRILGIIDAIQDAVGPPKQAAADRRTVEKTWKL MDKVVRLCQNPKLQLKNSPPYILDILPDTYQHLRLILSKYDDNQKLAQLSENEYF KIYIDSLMKKSKRAIRLFKEGKERMYEEQSQDRRNLTKLSLIFSHMLAEIKAIFPN GQFQGDNFRITKADAAEFWRKFFGDKTIVPWKVFRQCLHEVHQISSGLEAMAL KSTIDLTCNDYISVFEFDIFTRLFQPWGSILRNWNFLAVTHPGYMAFLTYDEVKA RLQKYSTKPGSYIFRLSCTRLGQWAIGYVTGDGNILQTIPHNKPLFQALIDGSRE GFYLYPDGRSYNPDLTGLCEPTPHDHIKVTQEQYELYCEMGSTFQLCKICAEN DKDVKIEPCGHLMCTSCLTAWQESDGQGCPFCRCEIKGTEPIIVDPFDPRDEG SRCCSIIDPFGMPMLDLDDDDDREESLMMNRLANVRKCTDRQNSPVTSPGSS PLAQRRKPQPDPLQIPHLSLPPVPPRLDLIQKGIVRSPCGSPTGSPKSSPCMVR KQDKPLPAPPPPLRDPPPPPPERPPPIPPDNRLSRHIHHVESVPSKDPPMPLEA WCPRDVFGTNQLVGCRLLGEGSPKPGITASSNVNGRHSRVGSDPVLMRKHR RHDLPLEGAKVFSNGHLGSEEYDVPPRLSPPPPVTTLLPSIKCTGPLANSLSEK TRDPVEEDDDEYKIPSSHPVSLNSQPSHCHNVKPPVRSCDNGHCMLNGTHGP SSEKKSNIPDLSIYLKGDVFDSASDPVPLPPARPPTRDNPKHGSSLNRTPSDYD LLIPPLGEDAFDALPPSLPPPPPPARHSLIEHSKPPGSSSRPSSGQDLFLLPSDP FVDLASGQVPLPPARRLPGENVKTNRTSQDYDQLPSCSDGSQAPARPPKPRP RRTAPEIHHRKPHGPEAALENVDAKIAKLMGEGYAFEEVKRALEIAQNNVEVAR SILREFAFPPPVSPRLNL
Gene ID	868
Gene Symbol	CBLB
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, In vitro assay, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, In vitro assay, Protein Array, Immunoaffinity Purification
Application Notes	Use in In vitro assay reported in scientific literature (PMID 24553136)

Images

SDS-Page: Recombinant Human CBLB Protein [H00000868-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Gruber T, Hinterleitner R, Hermann-Kleiter N et al. Cbl-b mediates TGFb sensitivity by downregulating inhibitory SMAD7 in primary T cells. J Mol Cell Biol. 2013-05-24 [PMID: 23709694]

Paolino M, Choidas A, Wallner S et al. The E3 ligase Cbl-b and TAM receptors regulate cancer metastasis via natural killer cells. Nature 2014-03-06 [PMID: 24553136] (In vitro)

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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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