

Product Datasheet

Recombinant Human RPTOR GST (N-Term) Protein H00057521-P01-2ug

Unit Size: 2 ug

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

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Publications: 2

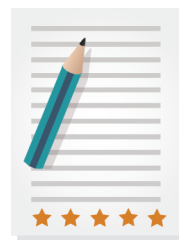
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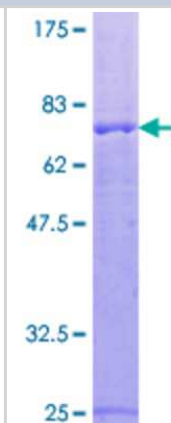
H00057521-P01-2ug**Recombinant Human RPTOR GST (N-Term) Protein**

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	69.7 kDa
Product Description	
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-379 of Human RPTOR Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: MESEMLQSPLLGLGEEDEADLTDWNLPLAFMKKRHCEKIEGSKSLAQSWRMK DRMKTVSVALVLCNLVGVDPDPDVVKTTPCARLECWIDPLSMGPQKALETIGAN LQKQYENWQPRARYKQSLDPTVDEVKKLCTSLRRNAKEERVLFHYNGHGVPR PTVNGEVWVFNKNYTQYIPLSIYDLQTMGSPSIFVYDCSNAGLIVKSFQKQFAL QREQELEVAAINPNHPLAQMPLPPSMKNCIQLAACEATELLPMIPDLPADLFTS CLTTPIKIALRWFCMQKCVSLVPGVTLDLIEKIPGRLNDRRTPLGELNWIFTAITD TIAWNVLPRDLFQKLFRQDLLVASLFRNFLAERIMRSYNCTPVSSPRLPPTYM HAMW
Gene ID	57521
Gene Symbol	RPTOR
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, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification



Images

12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Kouloulia S, Hallin EI, Simbriger K, et al. Raptor-Mediated Proteasomal Degradation of Deamidated 4E-BP2 Regulates Postnatal Neuronal Translation and NF-kappa B Activity Cell Rep 2019-12-10 [PMID: 31825840] (Human)

Schoenherr RM, Huang D, Voytovich UJ et al. A dataset describing a suite of novel antibody reagents for the RAS signaling network Sci Data 2019-08-29 [PMID: 31467290]



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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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