Product Datasheet

Recombinant Human Ribosomal Protein S6/RPS6 GST (N-Term) Protein H00006194-P01-2ug

Unit Size: 2 ug

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

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H00006194-P01-2ug

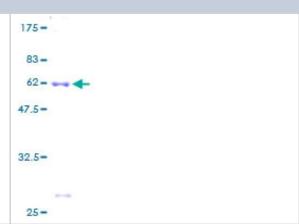
3	
Recombinant Human Ribosomal Protein S6/RPS6 GST (N-Term) Protein	
Product Information	
Unit Size	2 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% 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	53.13 kDa
Product Description	
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-249 of Human RPS6 Source: Wheat Germ (in vitro) Amino Acid Sequence: MKLNISFPATGCQKLIEVDDERKLRTFYEKRMATEVAADALGEEWKGYVVRISG GNDKQGFPMKQGVLTHGRVRLLLSKGHSCYRPRRTGERKRKSVRGCIVDANL SVLNLVIVKKGEKDIPGLTDTTVPRRLGPKRASRIRKLFNLSKEDDVRQYVVRKPLNKEGKKPRTKAPKIQRLVTPRVLQHKRRRIALKKQRTKKNKEEAAEYAKLLAK RMKEAKEKRQEQIAKRRRLSSLRASTSKSESSQK
Gene ID	6194
Gene Symbol	RPS6
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

Recombinant Human Ribosomal Protein S6/RPS6 Protein [H00006194-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Kamila M, Samuel R, Rachael M et al. SILAC kinase screen identifies potential MASTL substrates. Sci Rep. 2022-06-22 [PMID: 35732702]

Nam K, Yi S, Nam G et al. Identification of a novel S6K1 inhibitor, rosmarinic acid methyl ester, for treating cisplatin-resistant cervical cancer. BMC Cancer. 2019-08-06 [PMID: 31387554]

YH Park, EF Remmers, W Lee, AK Ombrello, LK Chung, Z Shilei, DL Stone, MI Ivanov, NA Loeven, KS Barron, P Hoffmann, M Nehrebecky, YZ Akkaya-Ulu, E Sag, B Balci-Peyn, I Aksentijev, A Gül, CN Rotimi, H Chen, JB Bliska, S Ozen, DL Kastner, D Shriner, JJ Chae Ancient familial Mediterranean fever mutations in human pyrin and resistance to Yersinia pestis Nat. Immunol., 2020-06-29;0(0):. 2020-06-29 [PMID: 32601469]

Lee HO, Mustafa A, Hudes GR, Kruger WD. Hydroxychloroquine Destabilizes Phospho-S6 in Human Renal Carcinoma Cells. PLoS One. 2015-07-02 [PMID: 26134285]





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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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