

# 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****Recombinant Human Ribosomal Protein S6/RPS6 GST (N-Term) Protein**

<b>Product Information</b>	
<b>Unit Size</b>	2 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>	53.13 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-249 of Human RPS6</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MKLNISFPATGCQKLIEVDDERKLRTFYEKRMATEVAADALGEEWKGYVVRISG  GNDKQGFPMPKQGVLTHTGRVRLLLSKGHSCYRPRRTGERKRKSVRGCIVDANL  SVLNLVIVKKGEKDIPGLTDTTPRRLGPKRASRIRKLFNLSKEDDVRQYVVRKP  LNKEGKKPRTKAPKIQRLVTPRVLQHKRRRIALKKQRTKKNKEEAAEYAKLLAK  RMKEAKEKRQEIQAKRRRLSSLRASTSKSESSQK</p>
<b>Gene ID</b>	6194
<b>Gene Symbol</b>	RPS6
<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
<b>Recommended Dilutions</b>	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**

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