

## Recombinant Human RPS29, His-tagged

Cat. No. RPS29-2427H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RPS29 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-56aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	RPS29 ribosomal protein S29 [ Homo sapiens ]
<b>Official Symbol</b>	RPS29
<b>Synonyms</b>	RPS29; ribosomal protein S29; 40S ribosomal protein S29; S29;
<b>Gene ID</b>	6235

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<b>mRNA Refseq</b>	NM_001030001
<b>Protein Refseq</b>	NP_001025172
<b>MIM</b>	603633
<b>UniProt ID</b>	P62273
<b>Chromosome Location</b>	14q21.3
<b>Pathway</b>	Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S, organism-specific biosystem; Cap-dependent Translation Initiation, organism-specific biosystem; Cytoplasmic Ribosomal Proteins, organism-specific biosystem; Disease, organism-specific biosystem; Eukaryotic Translation Elongation, organism-specific biosystem; Eukaryotic Translation Initiation, organism-specific biosystem; Eukaryotic Translation Termination, organism-specific biosystem;
<b>Function</b>	metal ion binding; structural constituent of ribosome; zinc ion binding;

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