

Recombinant Human RPS14, GST-tagged

Cat. No. RPS14-2416H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPS14 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-151aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	RPS14 ribosomal protein S14 [Homo sapiens]
Official Symbol	RPS14
Synonyms	RPS14; ribosomal protein S14; 40S ribosomal protein S14; emetine resistance; EMTB; S14;
Gene ID	6208

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mRNA Refseq	NM_001025070
Protein Refseq	NP_001020241
MIM	130620
UniProt ID	P62263
Chromosome Location	5q31-q33
Pathway	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;
Function	RNA binding; mRNA 5-UTR binding; structural constituent of ribosome; translation regulator activity;