

Recombinant Human FAU, GST-tagged

Cat. No. FAU-12760H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FAU protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-133a.a.
Description	This gene is the cellular homolog of the fox sequence in the Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV). It encodes a fusion protein consisting of the ubiquitin-like protein fubi at the N terminus and ribosomal protein S30 at the C terminus. It has been proposed that the fusion protein is post-translationally processed to generate free fubi and free ribosomal protein S30. Fubi is a member of the ubiquitin family, and ribosomal protein S30 belongs to the S30E family of ribosomal proteins. Whereas the function of fubi is currently unknown, ribosomal protein S30 is a component of the 40S subunit of the cytoplasmic ribosome. Pseudogenes derived from this gene are present in the genome. Similar to ribosomal protein S30, ribosomal proteins S27a and L40 are synthesized as fusion proteins with ubiquitin.
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

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GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name FAU Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed [Homo sapiens]

Official Symbol FAU

Synonyms FAU; Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed; Finkel Biskis Reilly murine sarcoma virus (FBR MuSV) ubiquitously expressed (fox derived); ubiquitin-like protein fubi and ribosomal protein S30; asr1; FLJ22986; Fub1; Fubi; MNSFbeta; Monoclonal nonspecific suppressor factor beta; ribosomal protein S30; RPS30; S30; 40S ribosomal protein S30; ubiquitin-like-S30 fusion protein; FAU-encoded ubiquitin-like protein; FBR-MuSV-associated ubiquitously expressed; monoclonal nonspecific suppressor factor beta; Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (fox derived); FAU1;

Gene ID 2197

mRNA Refseq NM_001997

Protein Refseq NP_001988

MIM 134690

UniProt ID P35544

Chromosome Location 11q13

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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; molecular_function; structural constituent of ribosome;

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