

Recombinant Human FAU

Cat. No. FAU-28808TH Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant full length Human FAU with N-terminal proprietary tag, 40.37 kDa.

Species Human

Source Wheat Germ

ProteinLength 133 amino acids

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.

Molecular Weight 40.370kDa inclusive of tags

Form Liquid

Purity Proprietary Purification

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MQLFVRAQELHTFEVTGQETVAQIKAHVASLEGIAPEDQV VLLAGAPLEDEATLGQC GVEALTTQEVAGRMLGGKVHGS L ARAGKVRGQTPKVAKQEKKKKKTGRAKRRMQ YNRRFVNVV PTFGKKKGPNANS
Sequence Similarities	Belongs to the ubiquitin family.
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;
Gene ID	2197
mRNA Refseq	NM_001997
Protein Refseq	NP_001988
MIM	134690

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Uniprot ID	P35544
Chromosome Location	11q13
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; Developmental Biology, organism-specific biosystem; Diabetes pathways, organism-specific biosystem;
Function	RNA binding; molecular_function; structural constituent of ribosome;

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