

## FAU Protein, Human (GST)

<b>Cat. No.:</b>	HY-P71681
<b>Synonyms:</b>	FAU; Ubiquitin-like protein FUBI
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Accession:</b>	P62861 (M1-S133)
<b>Gene ID:</b>	2197
<b>Molecular Weight:</b>	Approximately 41.4 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>           M Q L F V R A Q E L    H T F E V T G Q E T    V A Q I K A H V A S    L E G I A P E D Q V            V L L A G A P L E D    E A T L G Q C G V E    A L T T L E V A G R    M L G G K V H G S L            A R A G K V R G Q T    P K V A K Q E K K K    K K T G R A K R R M    Q Y N R R F V N V V            P T F G K K K G P N    A N S         </p>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
<b>Endotoxin Level</b>	<1 EU/μg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	<p>The FAU protein is implicated in potential pro-apoptotic activities, suggesting its involvement in programmed cell death pathways. Additionally, it functions as a component of the 40S subunit of the ribosome, playing a crucial role in the assembly and function of these subunits. The dual nature of FAU, both in apoptotic regulation and its contribution to ribosomal subunit assembly, underscores its multifaceted role within cellular processes, spanning from programmed cell death mechanisms to fundamental aspects of protein synthesis. The precise mechanisms underlying FAU's pro-apoptotic activity and its impact on ribosomal function remain areas of interest in understanding its broader cellular functions.</p>
-------------------	--

---

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA