RedChemExpress

Product Data Sheet

EIF5A Protein, Human (His)

Cat. No.:	HY-P78232
Synonyms:	Eukaryotic translation initiation factor 5A-1; eIF-5A1; Rev-binding factor; eIF-4D
Species:	Human
Source:	E. coli
Accession:	NP_001961 (M1-K154)
Gene ID:	1984
Molecular Weight:	Approximately 19 kDa

Inhibitors

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Screening Libraries

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Proteins

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PROPERTIES					
AA Sequence	MADDLDFETG	M A D D L D F E T G D A G A S A T F P M	MADDLDFETG DAGASATFPM QCSALRKNGF		
	VEMSTSKTGK	VEMSTSKTGK HGHAKVHLVG	VEMSTSKTGK HGHAKVHLVG IDIFTGKKYE		
	V P N I K R N D F Q K E I E Q K Y D C G	KEIEOKYDCG EEILITVLSA	KEIEOKYDCG EEILITVLSA MTEEAAVAIK		
Appearance	Lyophilized powder.	Lyophilized powder.	Lyophilized powder.		
Formulation	Lyophilized from a 0.22 µ	Lyophilized from a 0.22 μm filtered solution of 50 mM	Lyophilized from a 0.22 μm filtered solution of 50 mM Tris, 300 mM NaCl, pH 7.4, $5^{\rm c}$		
	Tween80.	Tween80.	Tween80.		
Endotoxin Level	<1 EU/µg, determined by	<1 EU/µg, determined by LAL method.	<1 EU/µg, determined by LAL method.		
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Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O. For lower concentration, ple				
	reconstitute in 50 mM Tri	reconstitute in 50 mM Tris-HCL,300 mM NaCl, pH 7.4 b	reconstitute in 50 mM Tris-HCL,300 mM NaCl, pH 7.4 buffer.		
Storage & Stability	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				
	recommended to freeze aliquots at -20°C or -80°C for extended storage.				
Chinning	Doom tomporature in co.				
Snipping	Room temperature in col	Room temperature in continental US; may vary elsew	Room temperature in continental US; may vary elsewhere.		

DESCRIPTION

Background

The EIF5A Protein is characterized by its ability to enable U6 snRNA binding activity and protein N-terminus binding activity. It plays a role in diverse cellular processes, including the cellular response to viruses, positive regulation of the intrinsic apoptotic signaling pathway by p53 class mediator, and the tumor necrosis factor-mediated signaling pathway. The protein is found in annulate lamellae, cytoplasm, and the nucleus, with a specific association with the nuclear pore. Notably, the EIF5A gene demonstrates ubiquitous expression, with elevated levels detected in the esophagus (RPKM 53.8), appendix (RPKM 49.4), and 25 other tissues, suggesting its involvement in various physiological contexts across a broad spectrum of tissues. [Information provided by Alliance of Genome Resources, April 2022]

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

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