HGFA/HGF Activator Protein, Human (HEK293, His)

Cat. No.:	HY-P76380
Synonyms:	Hepatocyte growth factor activator; HGF activator; HGFA; HGFAC
Species:	Human
Source:	HEK293
Accession:	Q04756 (M1-S655)
Gene ID:	3083
Molecular Weight:	Approximately 34&37&65&105 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
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 is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	HGFA/HGF Activator is a pivotal enzyme in cellular processes as it catalyzes the activation of hepatocyte growth factor (HGF) by transforming it from a single-chain form into a biologically active heterodimeric configuration. This activation mechanism involves the formation of a heterodimer, consisting of a short chain and a long chain, intricately connected by a disulfide bond. This heterodimeric structure underscores the essential role of HGFA in modulating HGF activity, implicating its significance in various cellular responses and signaling pathways.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA