

Follistatin-like 1/FSTL1 Protein, Rat (HEK293, His)

Cat. No.:	HY-P75781
Synonyms:	Follistatin-related protein 1; Follistatin-like protein 1; FSTL1; FRP
Species:	Rat
Source:	HEK293
Accession:	NP_077345.1 (E19-I306)
Gene ID:	79210
Molecular Weight:	Approximately 34 kDa

PROPERTIES

AA Sequence	<pre> E E E Q R S K S K I C A N V F C G A G R E C A V T E K G E P T C L C I E Q C K P H K R P V C G S N G K T Y L N H C E L H R D A C L T G S K I Q V D Y D G H C K E K K S V S P S A S P V V C Y Q A N R D E L R R R I I Q W L E A E I I P D G W F S K G S N Y S E I L D K Y F K S F D N G D S H L D S S E F L K F V E Q N E T A V N I T A Y P N Q E N N K L L R G L C V D A L I E L S D E N A D W K L S F Q E F L K C L N P S F N P P E K K C A L E D E T Y A D G A E T E V D C N R C V C S C G H W V C T A M T C D G K N Q K G V Q T H T E E E M T R Y A Q E L Q K H Q G T A E K T K K V N T K E I </pre>
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	<p>The Follistatin-like 1 (FSTL1) protein is predicted to have calcium ion binding and heparin binding activity. It is also predicted to be involved in processes such as endothelial cell differentiation, endothelial cell migration, and regulation of the BMP signaling pathway. Additionally, it is predicted to play a role in hematopoietic stem cell homeostasis and is located in the extracellular region. The FSTL1 protein is orthologous to the human FSTL1 gene and its function is supported by the Alliance of Genome Resources. It shows biased expression in tissues such as the heart, lung, and nine other tissues.</p>
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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

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