SPINK7 Protein, Human (HEK293, His)

Cat. No.:	HY-P71331
Synonyms:	SPINK7; ECRG-2; Esophagus cancer-related gene 2 protein; Serine protease inhibitor Kazal-type 7; ECG2
Species:	Human
Source:	HEK293
Accession:	P58062 (S20-C85)
Gene ID:	84651
Molecular Weight:	11&13 kDa

PROPERTIES

AA Sequence	S E A A S L S P K K V D C S I Y K K Y P V V A I P C P I T Y L P V C G S D Y I T Y G N E C H L C T E S L K S N G R V Q F L H D G S C
Appearance	Solution.
Formulation	Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 300 mM NaCl, pH8.0.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	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	The SPINK7 protein is identified as a probable serine protease inhibitor. This characterization suggests its potential role in modulating the activity of serine proteases, enzymes involved in various biological processes. As a serine protease inhibitor, SPINK7 likely participates in the regulation of proteolytic activities, with implications for cellular homeostasis and the modulation of signaling pathways. Further investigation into the specific serine proteases targeted by SPINK7 and the biological contexts in which it functions will provide valuable insights into its role in cellular processes and potential therapeutic applications.

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