

## SPINK7 Protein, Human, Recombinant (His)

### General Information

Synonyms:	ECG2;SPINK7;Serine protease inhibitor Kazal-type 7;ECRG-2;Esophagus cancer-related gene 2 protein
Protein Construction:	Ser20-Cys85
Species:	Human
Expression Host:	HEK293 Cells
Accession:	P58062
Molecular Weight:	12&14 KDa (reducing condition)
AA Sequence:	Ser20-Cys85

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 300 mM NaCl, pH8.0.

### Preparation and Storage

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

Proteins are shipped with blue ice.

### Protein Background

Serine protease inhibitor Kazal-type 7(SPINK7) is a secreted protein, that in humans is encoded by the SPINK7 gene. SPINK7 contains 1 Kazal-like domain. SPINK7 is probably serine protease inhibitor. Recombinant human SPINK7 is a single, non-glycosylated polypeptide chain containing 74 amino acids and fused to His-tag at c-terminus.

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