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## Product Data Sheet

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Product Name: SPINK7 Human  
 Cat. No.: GP24686  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Serine peptidase inhibitor Kazal type 7; ECG2; ECRG2; Serine protease inhibitor Kazal-type 7; Esophagus cancer-related gene 2 protein; ECRG-2; SPINK7.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSSEAASLS PKKVDCSIYK KYPVVAIPCP ITYLPVCGSD YITYGNECHL CTESLKSNR VQFLHDGSC.		
Formulation	The SPINK7 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 2mM DTT.		

### Introduction

Serine peptidase inhibitor Kazal type 7 (SPINK7) which includes one Kazal-like domain is most likely serine protease inhibitor. Diseases linked with SPINK7 include esophageal cancer, and oral squamous cell carcinoma

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

SPINK7 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 89 amino acids (20-85) and having a molecular mass of 9.6 kDa. SPINK7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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