

Recombinant human SPINK7 protein

Catalog Number: ATGP2160

PRODUCT INFORMATION

Expression system

E.coli

Domain

20-85aa

UniProt No.

P58062

NCBI Accession No.

NP_115955.1

Alternative Names

Serine peptidase inhibitor Kazal type 7, ECG2, ECRG2

PRODUCT SPECIFICATION

Molecular Weight

9.6 kDa (89aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT, 0.1mM PMSF, 50mM imidazole

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Serine peptidase inhibitor Kazal type 7, also known as SPINK7, contains 1 Kazal-like domain and is probably serine protease inhibitor. Recombinant human SPINK7 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>SEAASLS PKKVDCSIYK KYPVVAIPCP ITYLPVCGSD YITYGNECHL CTESLKSNGR

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VQFLHDGSC

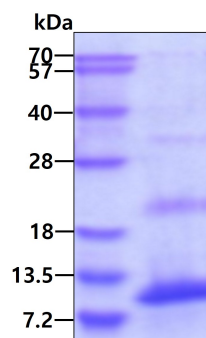
General References

Clark H.F., et al. (2003) Genome Res. 13:2265-2270

Feng Y., et al. (2012) J. Biomol. NMR. 53:65-70

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.