

BioVendor - Laboratorní medicína a.s.

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PRODUCT DATA SHEET

Stanniocalcin 1 Human HEK293

Cat. No.: RD172095100 **Size:** 0.1 mg

Source: HEK293 Type: Recombinant protein

Species: Human

Other Names:

STC1, STC

Description:

Total 240 AA. Mw: 25.9 kDa (calculated). C-Terminal Flag-tag, 10 AA. The AA sequence is identical to Swiss-Prot- P52823.

Amino Acid Sequence:

THEAEQNDSV	SPRKSRVAAQ	NSAEVVRCLN	SALQVGCGAF	ACLENSTCDT	DGMYDICKSF
LYSAAKFDTQ	GKAFVKESLK	CIANGVTSKV	FLAIRRCSTF	QRMIAEVQEE	CYSKLNVCSI
AKRNPEAITE	VVQLPNHFSN	RYYNRLVRSL	LECDEDTVST	IRDSLMEKIG	PNMASLFHIL
QTDHCAQTHP	RADFNRRRTN	EPQKLKVLLR	NLRGEEDSPS	HIKRTSHESA	ASDYKDDDDK

His 2 to Glu 5 were confirmed by N-terminal sequencing

Purity:

> 90 % by SDS-PAGE

Endotoxin:

 $< 1.0 EU/\mu g$

Formulation:

Filtered (0.4 μ m) and lyophilized in 0.5 mg/mL in 20 mM Tris buffer, 50 mM NaCl, pH 7.5

Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

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Quality Control:

BCA to determine quantity of the protein. SDS PAGE to determine purity of the protein. Endotoxin level determination.

Applications: ELISA, Western blotting

This product is intended for research use only.

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