

PRODUCT DATA SHEET

Stanniocalcin 2 Human HEK293

Cat. No.: RD172096100

Size: 0.1 mg

Source: HEK293

Type: Recombinant protein

Species: Human

Other Names:

Stanniocalcin-related protein, STC-related protein, STCRP, STC2

Description:

Total 289 AA. Mw: 31.9 kDa (calculated). C-Terminal Flag-tag, 12 AA. The AA sequence is identical to Swiss-Prot- O76061 (STC2, aa 25–302).

Amino Acid Sequence:

TDATNPPEGP QDRSSQQKGR LSLQNTAEIQ HCLVNAGDVG CGVFECFENN SCEIRGLHGI
CMTFLHNAGK FDAQGKSFVK DALKCKAHAL RHRFGCISRK CPAIREMVSQ LQRECYLKHD
LCAAAQENTR VIVEMIHFKD LLLHEPYVDL VNLLLLTCGEE VKEAITHSVQ VQCEQNWGSL
CSILSFCTSA IQKPPTAPPE RQPQVDRTKL SRAHHGEAGH HLPEPSSRET GRGAKGERGS
KSHPNAHARG RVGGLGAQGP SGSSEWEDEQ SEYSDIRRAA ADYKDDDDK

Thr 1 to Asn 5 were confirmed by N-terminal sequencing

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized in 0.5 mg/mL in PBS buffer, pH 7.4

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.

Quality Control:

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

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.