

PRODUCT DATA SHEET

Stanniocalcin 2 Human, Sheep Polyclonal Antibody

Cat. No.: RD184096100

Source of Antigen: HEK293

Host: Sheep

Size: 0.1 mg

Type: Polyclonal Antibody

Other Names:

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

Preparation:

The antibody was raised in sheep by immunization with the recombinant Human Stanniocalcin 2.

Amino Acid Sequence of Immunogen:

The immunization antigen (31.9 kDa) is a protein containing 289 AA of recombinant Human Stanniocalcin 2. The AA sequence is identical to Swiss-Prot- O76061 (STC2, aa 25–302). C-Terminal Flag-tag, 12 AA.

TDATNPPEGP QDRSSQQKGR LSLQNTAEIQ HCLVNAGDVG CGVFECFENN SCEIRGLHGI
CMTFLHNAGK FDAQGKSFIE DALKCKAHAL RHRFGCISRK CPAIREMVSQ LQRECYLKHD
LCAAQENTR VIVEMIHFKE LLLHEPYVDL VNLLLTCEEE VKEAITHSVQ VQCEQNWGSL
CSILSFCTSA IQKPPTAPPE RQPQVDRTKL SRAHHGEAGH HLPEPSSRET GRGAKGERGS
KSHPNAHARG RVGGLGAQGP SGSSEWEDEQ SEYSDIRRAA ADYKDDDDK

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

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human Stanniocalcin 2.

Species Reactivity:

Human

Antibody Content:

0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation:

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2.

Reconstitution:

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:

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

Storage/Stability:

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

Quality Control:

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

Note:

This product is for research use only.