

PRODUCT DATA SHEET

Chromogranin A Human HEK293

Cat. No.: RD172594100

Size: 0.1 mg

Source: HEK293

Type: Recombinant protein

Species: Human

Other Names:

Pituitary secretory protein I , CgA, SP-I, CHGA

Description:

Total 445 AA. MW 49.7 kDa (calculated). UniProtKB acc. No. P10645 (Leu19-gly457). C-terminal His-tag (6 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

LPVNSPMNKG DTEVMKCIVE VISDTLSKPS PMPVSQECFE TLRGDERILS ILRHQNLLKE
LQDLALQGAK ERAHQQKKHS GFEDELSEVL ENQSSQAELEK EAVEEPSSKD VMEKREDSKE
AEKSGEATDG ARPQALPEPM QESKAEGNNQ APGEEEEEEAE EATNTHPPAS LPSQKYPGPQ
AEGDSEGLSQ GLVDREKGLS AEPGWQAKRE EEEEEEEAE AGEEAVPEEE GPTVVLNPHP
SLGYKEIRKG ESRSEALAVD GAGKPGAEAA QDPEGKGEQE HSQQKEEEEEE MAVVPQGLFR
GGKSGELEQE EERLSKEWED SKRWSKMDQL AKELTAEKRL EGQEEEDNR DSSMKLSFRA
RAYGFRGPGP QLRRGWRPSS REDSLEAGLP LQVRGYPEEK KEEEGSANRR PEDQELESLS
AIEAELEKVA HQLQALRRGH HHHHH

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml solution in phosphate buffered saline, pH 7.0.

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 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.