

PRODUCT DATA SHEET

Glypican-4 Human E. coli

Cat. No.: RD172346100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

K-glypican

Description:

Total 521 AA. MW: 58.7 kDa (calculated). UniProtKB acc.no. O75487 (Ala19-Ser529). N-terminal His-tag (10 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

MKHHHHHHAS ALLAAELKSK SCSEVRRRLYV SKGFNKNNDAP LHEINGDHLK ICPQGSTCCS
QEMEEKYSLQ SKDDFKSVVS EQCNHLQAVF ASRYKKFDEF FKELLENAEK SLNDMFVKTY
GHLYMQNSEL FKDLFVELKR YYVVGNVNLE EMLNDFWARL LERMFLVNS QYHFTDEYLE
CVSKYTEQLK PFGDVPRKLR LQVTRAFVAA RTFAQGLAVA GDVVSQVSVV NPQAQCTHAL
LKMIYCSHCR GLVTVKPCYN YCSNIMRGCL ANQGDLDLFEW NNFIDAMLMV AERLEGPFNI
ESVMDPIDVK ISDAIMNQD NSVQVSQKVF QGCGPPKPLP AGRISRSISE SAFSARFRPH
HPEERPTTAA GTSLDRLVTD VKEKLRQAKK FWSSLP SNVC NDERMAAGNG NEDDCWNGKG
KSRYLFAVTG NGLANQGNNP EVQVDTSKPD ILILRQIMAL RVMTSKMKNA YNGNDVDFFD
ISDESSGEGS GSGCEYQQCP SEFDYNATDH AGKSANEKAD S

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

0.2–0.5 mg/ml in 20 mM Tris buffer, 50 mM NaCl, pH 8.0, 5mM DTT – filtered (0.4 μm), frozen

Reconstitution:

Defrost at ambient temperature.

Shipping:

On ice. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store protein at -80°C. Protein remains stable until the expiry date when stored at -80°C. Avoid repeated freezing/thawing cycles.

Quality Control:

Bradford protein assay 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.