

Datasheet for ABIN5526594

Glypican 3 Protein (GPC3) (AA 25-557) (His tag)**2** Images[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | Glypican 3 (GPC3) |
| Protein Characteristics: | AA 25-557 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This Glypican 3 protein is labelled with His tag. |

Product Details

| | |
|------------------|---|
| Sequence: | AA 25-557 |
| Characteristics: | This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 62.4 kDa. The protein migrates as 66-150 kDa, 40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| Purity: | >95 % as determined by SDS-PAGE. |
| Endotoxin Level: | Less than 1.0 EU per µg by the LAL method. |

Target Details

| | |
|-------------------|--|
| Target: | Glypican 3 (GPC3) |
| Alternative Name: | Glypican 3 (GPC3 Products) |

Target Details

| | |
|-------------------|---|
| Background: | Glypican-3 (GPC3) is also known as Intestinal protein OCI-5, GTR2-2, MXR7, which belongs to the glypican family. Glypican 3 / GPC-3 is highly expressed in lung, liver and kidney. Glypican-3 inhibits the dipeptidyl peptidase activity of DPP4. Glypican-3 may be involved in the suppression/modulation of growth in the predominantly mesodermal tissues and organs, and also may play a role in the modulation of IGF2 interactions with its receptor and thereby modulate its function. |
| Molecular Weight: | 38.0 kDa and 24.4 kDa |
| NCBI Accession: | NP_057906 |
| Pathways: | Glycosaminoglycan Metabolic Process |

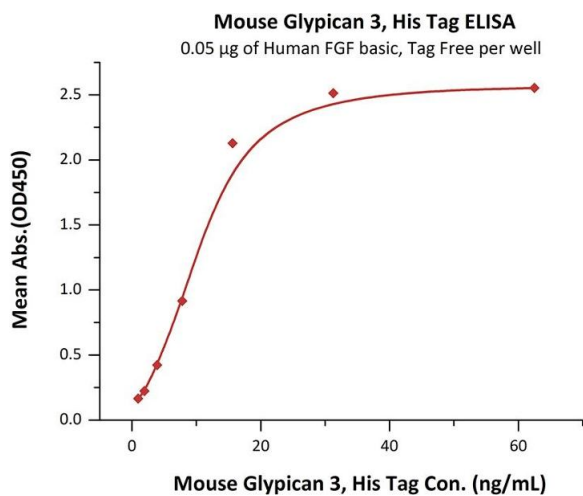
Application Details

| | |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

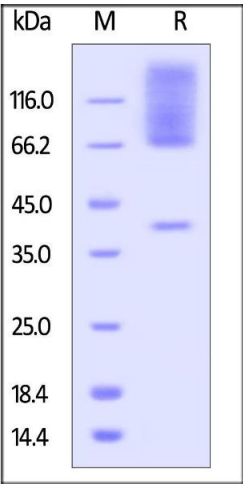
| | |
|------------------|---|
| Format: | Lyophilized |
| Buffer: | PBS, pH 7.4 |
| Handling Advice: | Please avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |

Images



ELISA

Image 1. Immobilized Human FGF basic, Tag Free (ABIN2444057,ABIN2180650,ABIN2180649) at 0.5 µg/mL (100 µL/well) can bind Mouse Glypican 3, His Tag (ABIN5526594,ABIN5526595) with a linear range of 1-16 ng/mL (QC tested).



SDS-PAGE

Image 2. Mouse Glypican 3, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .