

Recombinant rat Glypican-3

Catalog No: #AP72577

Package Size: #AP72577-1 20ug #AP72577-2 100ug #AP72577-3 1mg

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Description

Product Name	Recombinant rat Glypican-3
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:25-560aaSequence Info:Partial
Other Names	Intestinal protein OCI-5
Accession No.	P13265
Uniprot	P13265
GenID	25236;
Calculated MW	62.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	<p>QPPPPPDATCHQVRSFFQRLQPLKWWVPETPVPGSDLQVCLPKGPTCCSRKMEEKYQLTARLNMEQLLQSA SMELKFLIIQNAAVFQEAFEIVVRHAKNYTNAMFKNNYPSLTPQAFEFVGEFFTDVSLYILGSDINVDDMVNELF DSLFPVIYTQMMNPLPESVLDINECLRGARRDLKVFSGFPKLIMTQVSKSLQVTRIFLQALNLGIEVINTTDHLK FSKDCGRMLTRMWYCSYCQGLMMVKPCGGYCNVVMQGC MAGVVEIDKYWREYILSLEELVNGMYRIYDME NVLLGLFSTIHDSIQYVQKNGGKLTITIGKLC AHSQQRQYRSAYPEDLFIDKKVLKVARVEHEETLSSRRRELI QKLSFISFYALPGYICSHSPAENDTLCWNGQELVERYSQKAARNGMKNQFNLHELKMKGPEPVVSIIDK LKHINQLLRMTMSVPKGVVDKSLDEEGLESGDCGDEDEICIGSSGDGMMKVNQLRFLAELAYDLVDVDDAPG NKQHGNQKDNEITTSHSVGNMPSP</p>
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.</p>

Background

Inhibits the dipeptidyl peptidase activity of DPP4 . Cell surface proteoglycan that bears heparan sulfate. May be involved in the suppression,modulation of growth in the predominantly mesodermal tissues and organs. May play a role in the modulation of IGF2 interactions with its receptor and thereby modulate its function. May regulate growth and tumor predisposition.

References

Isolation of a cDNA corresponding to a developmentally regulated transcript in rat intestine.Filmus J., Church J.G., Buick R.N.Mol. Cell. Biol. 8:4243-4249(1988)Research Topic:Others

Note: This product is for in vitro research use only