

Product Datasheet

Glypican 5 Protein, Human, Recombinant (His) (orb1958228)

Description	<p>Glypican-5 (GPC5), is a cell membrane protein that belongs to the glypican family. The glypicans compose a family of glycosylphosphatidylinositol-anchored heparan sulfate proteoglycans that may play a role in the control of cell division and growth regulation. So far, six members (Glypican-1/GPC1, Glypican-2/GPC2, Glypican-3/GPC3, Glypican-4/GPC4, Glypican-5/GPC5, Glypican-6/GPC6) of this family are known in the vertebrates. In the adult, Glypican-5 is primarily expressed in the brain. It is also detected in the fetal brain, lung, and liver. Glypican-5 enhances the intracellular signaling of FGF2 and HGF. It alters the cellular distribution of FGF2. The properties of Glypican-5 make it an attractive target for therapeutic intervention in rhabdomyosarcomas and other tumors that amplify and/or overexpress its gene. Glypican-5 is overexpressed in lymphoma cell lines that had shown amplification. It is a likely target for amplification, and that over-expression of GPC5 may contribute to the development and/or progression of lymphomas and other tumors.</p>
Storage	-20°C
Tag	C-His
Note	For research use only
Application notes	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Purity	98.00%
MW	60.5 kDa (predicted); 60.5 kDa (reducing conditions)
Uniprot ID	P78333
Expiration Date	6 months from date of receipt.

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