

Glypican-4 511 aa Human Recombinant

Item Number	rAP-3345
Synonyms	Glypican 4, Glypican Proteoglycan 4, K-glypican, DJ900E8.1 (Glypican 4), glypican-4.
Description	Glypican-4 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Ala19-Ser529) containing 521 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 58.7kDa.
Uniprot Accession Number	O75487
Amino Acid Sequence	MKHHHHHHASALLAAELKSK SCSEVRRLYV SKGFNKNDAPE LHEINGDHLK ICPQGSTCCS QEMEEKYSLQ SKDDFKSVVS EQCNHLQAVF ASRYKKFDEF FKELLENAEK SLNDMFVKTY GHLYMQN- SEL FKDLFVELKR YYVVGNVNLE EMLNDFWARL LERMFRLVNS QYHFTDEYLE CVSKYTEQLK PFGDVPRKLK LQVTRAFVAA RTFAQGLAVA GDVSVKSVV NPTAQCTHAL LKMIYCSHCR GLVTVKPCYN YCSNIMRGCL ANQGDLDFFW NNFIDAMLMV AERLEGPFNI ESVM DPIDVK IS- DAIMNMQD NSVQVSQKVF QGCGPPKPLP AGRISRSISE SAFSARFRPH HPEERPTTAA GTSLDRLVTD
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	Glypican-4 filtered (0.4µm) solution at a concentration of 0.2mg/ml in 20mM Tris buffer, 50mM NaCl, pH 8.0 and 5mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**