

32-3882: GIPC2 Recombinant Protein

Alternative Name : GIPC PDZ domain containing family member 2, SEMCAP-2, PDZ domain-containing protein GIPC2, semaphorin cytoplasmic domain associated protein 2, semaF cytoplasmic domain associated protein 2, SEMCAP2, FLJ20075.

Description

Source : E.coli. GIPC2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 339 amino acids (1-315) and having a molecular mass of 36.9kDa. GIPC2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. GIPC2 is a 315 aa protein which is restricted to the cytoplasm and holds one PDZ domain. GIPC2 is expressed in large quantities in colon and kidney and in small quantities in adult liver. GIPC2 has a vital part in human gastric cancer by control of growth factor signaling or cell adhesion.

Product Info

Amount : 20 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : The GIPC2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 30% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSHMPLKLR GKKKAKSKET AGLVEGEPTG AGGGSLSASR
 APARRLVFHA QLAHGSATGR VEGFSSIQEL YAQIAGAFEI SPSEILYCTL NTPKIDMERL LGGQLGLEDF
 IFAHVKGIEK EVNVYKSEDS LGLTITDNGV GYAFIKRIKD GGVIDSVKTI CVGDHIESIN GENIVGWRHY
 DVAKKLKELK KEELFTMKLI EPKKAFFIEP RSKAGKSSGE KIGCGRATLR LRSKGPATVE EMPSETKAKA
 IEKIDDVLEL YMGIRDIDLA TTMFEAGKDK VNPDEFAVAL DETLGDFAFP DEFVFDVWGV IGDARRRGL

