

Product datasheet for PH311216

GPR73B (PROKR2) (NM_144773) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PROKR2 MS Standard C13 and N15-labeled recombinant protein (NP_658986)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211216
Predicted MW:	43.8 kDa
Protein Sequence:	>RC211216 representing NM_144773 Red=Cloning site Green=Tags(s) MAAQNGNTSFTPNFNPPQDHASSLSFNFSYGDYDLPMEDEDMTKTRTFFAAKIVIGIALAGIMLVCGIG NFVFIAALTRYKKLRNLTNLLIANLAISDFLVAIICCPFEMDYVVRQLSWEHGHVLCASVNYLRTVSLY VSTNALLAIAIDRYLAIVHPLKPRMNYQTASFLLIALVWMVSILIAIPSAYFATETVLFIVKSQEKIFCGQ IWPVDQQLYYKSYFLFIFGVEFVGPVVTMLCYARISRELWFKAVPGFQTEQIRKRLRCRRKTVLVLMCI LTAYVLCWAPFYGFTIVRDFPPTVFVKEKHLYLAFYVVECIAMSNRMINTVCFVTVKNNTMKYFKKMMLL HWRPSQRGSKSSADLDLRTNGVPTTEEVCIRLK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_658986
RefSeq Size:	1155
RefSeq ORF:	1152
Synonyms:	dj680N4.3; GPR73b; GPR73L1; GPRg2; HH3; KAL3; PKR2
Locus ID:	128674



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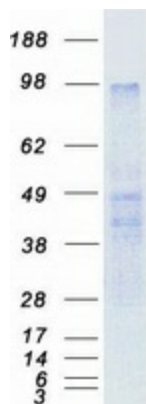
UniProt ID: [Q8NFJ6](#), [A8K1T0](#)

Cytogenetics: 20p12.3

Summary: Prokineticins are secreted proteins that can promote angiogenesis and induce strong gastrointestinal smooth muscle contraction. The protein encoded by this gene is an integral membrane protein and G protein-coupled receptor for prokineticins. The encoded protein is similar in sequence to GPR73, another G protein-coupled receptor for prokineticins. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, GPCR, Transmembrane

Product images:



Coomassie blue staining of purified PROKR2 protein (Cat# [TP311216]). The protein was produced from HEK293T cells transfected with PROKR2 cDNA clone (Cat# [RC211216]) using MegaTran 2.0 (Cat# [TT210002]).