

Recombinant human GPR14 protein, N-Trx-His

Catalog Number: bs-42292P

Concentration: >0.5mg/ml

Species: Human

AA Seq: 319-389/389

Predicted MW: 25.5

Tags: N-Trx-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: affinity purified by Protein A

Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH=8.0)

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: GPCR GPR14 has been reported to be expressed at high levels in the heart and pancreas and also in artery and smooth muscle. Low transcript levels have been identified in brain, particularly in thalamus, superior occipital gyrus, and substantia nigra.

GPR14 is a high affinity receptor for urotensin-2 and urotensin-2B. The activity of this receptor is mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger system. Referenced from Swiss-Prot Q9UKP6.

VALIDATION IMAGES



The purity of the protein is greater than 85% as determined by reducing SDS-PAGE.