HUMAN GPR64 PROTEIN, HIS TAG

Cat.#: 11949

Product Name: Human GPR64 Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: CBAVDX;EDDM6;ADGRG2;HE6;TM7LN2

Target: GPR64

UNIPROT ID: Q8IZP9

Description: Recombinant Human GPR64 Protein with C-terminal 6XHis tag

Background: This gene encodes a member of the G protein-coupled receptor family described as an epididymis-specific transmembrane protein. The encoded protein may be proteolytically processed as it contains a motif shown to be a protein scission motif in some members of this family (PMID: 11973329). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 64.3 kDa after removal of the signal peptide. The apparent molecular mass of GPR64-His is approximately 100-250 kDa due to glycosylation.

Molecular Characterization: GPR64(Leu38-Ala627) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

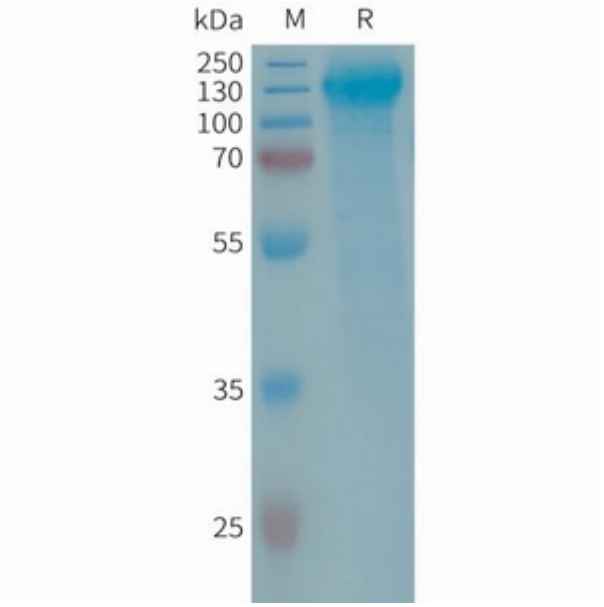

Figure 1.Human GPR64 Protein, His Tag on SDS-PAGE under reducing condition.