

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.

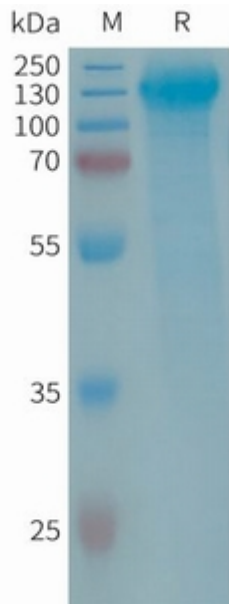


Figure 1. Human GPR64 Protein, His Tag on SDS-PAGE under reducing condition.