PRODUCT INFORMATION

Target	GPR64
Synonyms	CBAVDX;EDDM6;ADGRG2;HE6;TM7LN2
Description	Recombinant Human GPR64 Protein with C-terminal 6XHis tag
Delivery	In Stock
Uniprot ID	Q8IZP9
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	GPR64(Leu38-Ala627) 6×His tag
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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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]
Usage	Research use only
Conjugate	Unconjugated

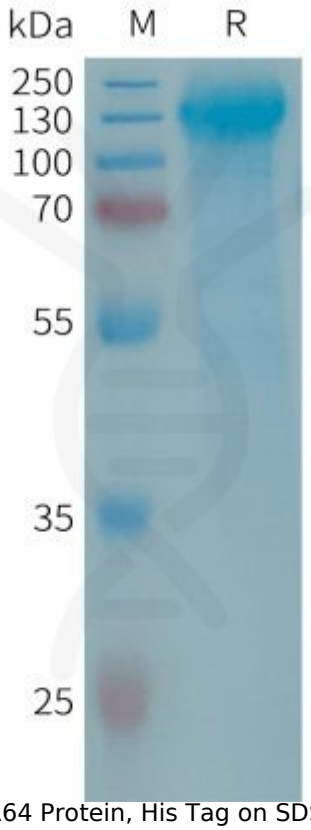

Figure 1.Human GPR64 Protein, His Tag on SDS-PAGE under reducing condition.