

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	GP179
Synonyms	CSNB1E, GPR158L, GPR158L1
Description	Human GP179-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q6PRD1
Expression Host	HEK293
Protein Families	Transmembrane,Druggable Genome,
Protein Pathways	N/A
Molecular Weight	The human full length GP179-Strep protein has a MW of 257.4 kDa
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. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
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.
Background	This gene encodes a member of the glutamate receptor subfamily of G protein-coupled receptors. The encoded protein has an EGF-like calcium binding domain and a seven transmembrane domain in the N-terminal region of the protein. Mutations in this gene are associated with congenital stationary night blindness type 1E. [provided by RefSeq, Apr 2012]
Usage	Research use only
Conjugate	Unconjugated

