

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Expression Host	HEK293
Target	AGRV1
Synonyms	FEB4, GPR98, MASS1, USH2B, USH2C, VLGR1, VLGR1b
Description	Human AGRV1-Strep full length protein-synthetic nanodisc
Uniprot ID	Q8WXG9
Protein Families	Transmembrane, Druggable Genome,
Protein Pathways	GPCRDB Other,
Molecular Weight	The human full length AGRV1-Strep protein has a MW of 693.1 kDa
Delivery	6~8weeks
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
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 G-protein coupled receptor superfamily. The encoded protein contains a 7-transmembrane receptor domain, binds calcium and is expressed in the central nervous system. Mutations in this gene are associated with Usher syndrome 2 and familial febrile seizures. Several alternatively spliced transcripts have been described. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

