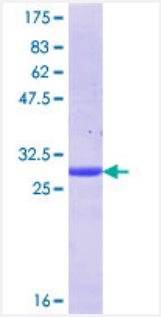
TMC8 (Human) Recombinant Protein (Q01)

Catalog # H00147138-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TMC8 partial ORF (NP_689681.2, 616 a.a. - 674 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SQTQANARAIHRLRKQLVWQVQEKWHLVEDLSRLLPEPGPSDSPGPKYPASQASRPQSF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.23
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TMC8

Entrez GeneID	147138
GeneBank Accession#	NM_152468
Protein Accession#	NP_689681.2
Gene Name	TMC8
Gene Alias	EV2, EVER2, EVIN2, FLJ40668, FLJ43684, MGC102701, MGC40121
Gene Description	transmembrane channel-like 8
Omim ID	226400 605829
Gene Ontology	Hyperlink
Gene Summary	Epidermodysplasia verruciformis (EV) is an autosomal recessive dermatosis characterized by ab normal susceptibility to human papillomaviruses (HPVs) and a high rate of progression to squam ous cell carcinoma on sun-exposed skin. EV is caused by mutations in either of two adjacent gen es located on chromosome 17q25.3. Both of these genes encode integral membrane proteins th at localize to the endoplasmic reticulum and are predicted to form transmembrane channels. This gene encodes a transmembrane channel-like protein with 8 predicted transmembrane domains a nd 3 leucine zipper motifs. [provided by RefSeq
Other Designations	epidermodysplasia verruciformis 2