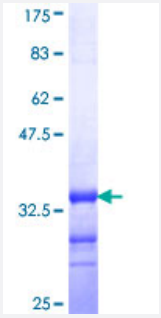
TMIE (Human) Recombinant Protein (Q01)

Catalog # H00259236-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TMIE partial ORF (NP_671729, 79 a.a. - 140 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NCRVPRTRKEIEARYLQRKAAKMYTDKLETVPPLNELTEVPGEDKKKKKKKKDSVDTVAIKV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.56
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 — TMIE

Entrez GeneID	259236
GeneBank Accession#	NM_147196
Protein Accession#	NP_671729
Gene Name	TMIE
Gene Alias	DFNB6
Gene Description	transmembrane inner ear
Omim ID	600971 607237
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a transmembrane inner ear protein. Studies in mouse suggest that this gene i s required for normal postnatal maturation of sensory hair cells in the cochlea, including correct de velopment of stereocilia bundles. This gene is one of multiple genes responsible for recessive no n-syndromic deafness (DFNB), also known as autosomal recessive nonsyndromic hearing loss (ARNSHL), the most common form of congenitally acquired inherited hearing impairment. [provide d by RefSeq
Other Designations	transmembrane inner ear protein

Disease

- Deafness