

## Product datasheet for **TP760450**

### USH1G (NM\_173477) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human Usher syndrome 1G (autosomal recessive) (USH1G), full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length USH1G
Tag:	N-His
Predicted MW:	51.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_775748</a>
Locus ID:	124590
UniProt ID:	<a href="#">Q495M9</a>
RefSeq Size:	3561
Cytogenetics:	17q25.1
RefSeq ORF:	1383
Synonyms:	ANKS4A; SANS

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**Summary:**

This gene encodes a protein that contains three ankyrin domains, a class I PDZ-binding motif and a sterile alpha motif. The encoded protein interacts with harmonin, which is associated with Usher syndrome type 1C. This protein plays a role in the development and maintenance of the auditory and visual systems and functions in the cohesion of hair bundles formed by inner ear sensory cells. Mutations in this gene are associated with Usher syndrome type 1G (USH1G). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

**Product images:**
