

Recombinant Human MYO15A Protein, GST-tagged

Cat. No. MYO15A-5829H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYO15A partial ORF (NP_057323.2, 3432 a.a. - 3530 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes an unconventional myosin. This protein differs from other myosins in that it has a long N-terminal extension preceding the conserved motor domain. Studies in mice suggest that this protein is necessary for actin organization in the hair cells of the cochlea. Mutations in this gene have been associated with profound, congenital, neurosensory, nonsyndromal deafness. This gene is located within the Smith-Magenis syndrome region on chromosome 17. Read-through transcripts containing an upstream gene and this gene have been identified, but they are not thought to encode a fusion protein. Several alternatively spliced transcript variants have been described, but their full length sequences have not been determined. [provided by RefSeq]
Molecular Mass	36.63 kDa
AA Sequence	PCILAINHNGLNFLSTETHELMVKFPLKEIQSTRTRPTANSSYPYVEIALGDVAAQRT LQLQLEQGLELCRVVAVHVENLLSAHEKRLTLPPEITLL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

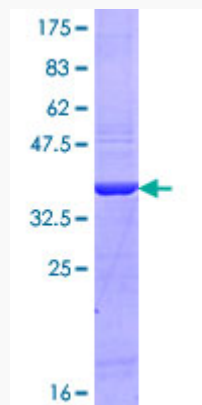
GENE INFORMATION

Gene Name	MYO15A myosin XVA [Homo sapiens (human)]
Official Symbol	MYO15A
Synonyms	MYO15A; myosin XVA; DFNB3; MYO15; unconventional myosin-XV; myosin-XV; unconventional myosin-15
Gene ID	51168
mRNA Refseq	NM_016239
Protein Refseq	NP_057323
MIM	602666
UniProt ID	Q9UKN7

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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