

Recombinant Human CDH23 Protein, GST-Tagged

Cat. No. CDH23-0987H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDH23 partial ORF (NP_071407, 29 a.a. - 114 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the cadherin superfamily, whose genes encode calcium dependent cell-cell adhesion glycoproteins. The encoded protein is thought to be involved in stereocilia organization and hair bundle formation. The gene is located in a region containing the human deafness loci DFNB12 and USH1D. Usher syndrome 1D and nonsyndromic autosomal recessive deafness DFNB12 are caused by allelic mutations of this cadherin-like gene. Upregulation of this gene may also be associated with breast cancer. Alternative splice variants encoding different isoforms have been described. [provided by RefSeq, May 2013]
Molecular Mass	35.2 kDa
AA Sequence	PFFTNIHFFDTYLLISEDTPVGSSVTQLLAQDMDNDPLVFGVSGEEASRFFAVEPDTG VWVLRQPLDRETKSEFTVEFSVSDHQGVI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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 [CDH23 cadherin-related 23 \[Homo sapiens \]](#)

Official Symbol [CDH23](#)

Synonyms CDH23; cadherin-related 23; cadherin related 23, cadherin like 23, DFNB12, USH1D; cadherin-23; cadherin related family member 23; CDHR23; otocadherin; cadherin-like 23; cadherin-related family member 23; USH1D; FLJ00233; FLJ36499; KIAA1774; KIAA1812; MGC102761; DKFZp434P2350;

Gene ID [64072](#)

mRNA Refseq [NM_001171930](#)

Protein Refseq [NP_001165401](#)

MIM [605516](#)

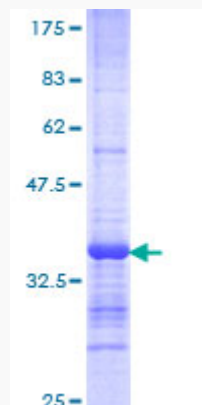
UniProt ID [Q9H251](#)

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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