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# Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

## Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

## Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand


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# Datasheet

## MYH9 (Human) Recombinant Protein (Q02)

**Catalog Number:** H00004627-Q02

**Regulation Status:** For research use only (RUO)

**Product Description:** Human MYH9 partial ORF ( NP_002464.1, 1747 a.a. - 1852 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**
LINDRLKKANLQIDQINTDLNLERSHAQKNENARQQLE
RQNKELKVKLQEMEGTVKSKYKASITALEAKIAQLEEQ
LDNETKERQAACKQVRRTEKKLKDVLLQVD

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 37.4

**Applications:** AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

**Protocols:** See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

**Preparation Method:** *in vitro* wheat germ expression system

**Purification:** Glutathione Sepharose 4 Fast Flow

**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.

**Entrez GeneID:** 4627

**Gene Symbol:** MYH9

**Gene Alias:** DFNA17, EPSTS, FTNS, MGC104539, MHA, NMHC-II-A, NMMHCA

**Gene Summary:** This gene encodes a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain. The protein is involved in several important functions, including cytokinesis, cell motility and maintenance of cell shape. Defects in MYH9 are the cause of non-syndromic sensorineural deafness autosomal dominant type 17, Epstein syndrome, Alport syndrome with macrothrombocytopenia, Sebastian syndrome, Fechtner syndrome and macrothrombocytopenia with progressive sensorineural deafness. [provided by RefSeq]