

Recombinant Human MYH16 Protein, GST-tagged

Cat. No. MYH16-5803H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYH16 partial ORF (BAB15219.1, 396 a.a. - 495 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The MYH16 gene, encoding a sarcomeric myosin heavy chain expressed in nonhuman primate masticatory muscles, is inactivated in humans. Stedman et al. (2004) [PubMed 15042088] hypothesized that the decrement in masticatory muscle size caused by the inactivation of MYH16 removed an evolutionary constraint on encephalization in early man.
Molecular Mass	36.74 kDa
AA Sequence	ASMETIQKSKMNAAEHVRKLEDSLSEANAKVAELERNQAEINAIIRTRLQAENSELSR EYEEQSRLNQILRIKTSLSQVDDYKRLDEESKSRSTAVVS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 MYH16 myosin heavy chain 16 pseudogene [Homo sapiens (human)]

Official Symbol MYH16

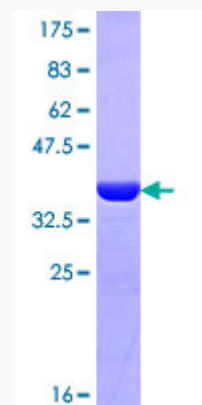
Synonyms MYH16; myosin heavy chain 16 pseudogene; MYH5; MHC20; MYH16P; myosin heavy polypeptide 5; myosin, heavy chain 16; myosin, heavy polypeptide 16; sarcomeric myosin

Gene ID 84176

MIM 608580

UniProt ID Q9H6N6

Quality Control Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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