# Recombinant Human FNDC5 Protein, GST-tagged

**Cat. No.** FNDC5-4410H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human FNDC5 full-length ORF ( NP_715637.1, 1 a.a. - 137 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | Wheat Germ |
| **ProteinLength** | 1-137 aa |
| **Description** | This gene encodes a secreted protein that is released from muscle cells during exercise. The encoded protein may participate in the development of brown fat. Translation of the precursor protein initiates at a non-AUG start codon at a position that is conserved as an AUG start codon in other organisms. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013] |
| **Molecular Mass** | 41.9 kDa |
| **AA Sequence** | MLRFIQEVNTTTRSCALWDLEEDTEYIVHVQAISIQGQSPASEPVLFKTPREAEKMAS KNKDEVTMKEMGRNQQLRTGEVLIIVVVLFMWAGVIALFCRQYDIIKDNEPNNNKEK TKSASETSTPEHQGGGLLRSKI |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |

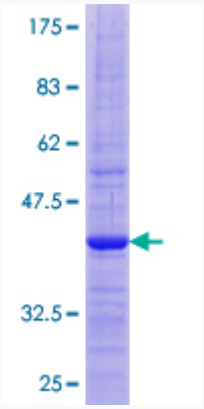
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| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0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

## GENE INFORMATION

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| **Gene Name** | FNDC5 fibronectin type III domain containing 5 [ Homo sapiens ] |
| **Official Symbol** | FNDC5 |
| **Synonyms** | FNDC5; fibronectin type III domain containing 5; fibronectin type III domain-containing protein 5; FRCP2; fibronectin type III repeat-containing protein 2; |
| **Gene ID** | 252995 |
| **mRNA Refseq** | NM_001171940 |
| **Protein Refseq** | NP_001165411 |
| **MIM** | 611906 |
| **UniProt ID** | Q8NAU1 |

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| **Quality Control Testing** | <br>12.5% SDS-PAGE Stained with Coomassie Blue. |

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