# Recombinant Human ITM2A Protein

**Cat. No.** ITM2A-4956H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human ITM2A full-length ORF (ABZ92512.1) recombinant protein without tag. |
| **Species** | Human |
| **Source** | Wheat Germ |
| **Description** | This gene encodes a type II membrane protein that belongs to the ITM2 family. Studies in mouse suggest that it may be involved in osteo- and chondrogenic differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010] |
| **Form** | Liquid |
| **Molecular Mass** | 29 kDa |
| **AA Sequence** | MVKIAFNTPTAVQKEEARQDVEALLSRTVRTQILTGKELRVATQEKEGSSGRCMLTL LGLSFILAGLIVGGACIYKYFMPKSTIYRGEMCFFDSEDPANSLRGGEPNFLPVTEEA DIREDDNIAIIDVPVPSFSDSDPAAIIHDFEKGMTAYLDLLLGNCYLMPLNTSIVMPPKN LVELFGKLASGRYLPQTYVVREDLVAVEEIRDVSNLGIFIYQLCNNRKSFRLRRRDLL LGFNKRAIDKCWKIRHFPNEFIVETKICQE |
| **Applications** | Antibody Production<br>Functional Study<br>Compound Screening |

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| **Usage** | Heating may cause protein aggregation. Please do not heat this product before electrophoresis. |
| **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** | 25 mM Tris-HCl of pH8.0 containing 2% glycerol. |

## GENE INFORMATION

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| **Gene Name** | ITM2A integral membrane protein 2A [ Homo sapiens (human) ] |
| **Official Symbol** | ITM2A |
| **Synonyms** | ITM2A; integral membrane protein 2A; E25A; BRICD2A; integral membrane protein 2A; BRICHOS domain containing 2A |
| **Gene ID** | 9452 |
| **mRNA Refseq** | NM_001171581 |
| **Protein Refseq** | NP_001165052 |
| **MIM** | 300222 |
| **UniProt ID** | O43736 |

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