# Recombinant Human Adhesion Regulating Molecule 1, His-tagged

**Cat. No.** ADRM1-5585H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant humanADRM1 protein, fused to His-tag at N-terminus, wasexpressed in E. coli and purified by using conventional chromatography. |
| **Species** | Human |
| **Source** | E.coli |
| **Description** | ADRM1 is anintegral plasma membrane protein which promotes cell adhesion. ADRM1 isthought to undergo O-linked glycosylation. Expression of this gene has beenshown to be induced by gamma interferon in some cancer cells. |
| **Form** | Liquid. 20mMTris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT. |
| **Molecular Weight** | 44.7 kDa (431aa)confirmed by MALDI-TOF |
| **Purity** | > 90% by SDS-PAGE |
| **Concentration** | 1 mg/ml(determined by Bradford assay) |
| **Sequences of aminoacids** | MGSSHHHHHH SSGLVPRGSHMGSHMTTSGALFPSLVPGSR GASNKYLVEF RAGKMSLKGT TVTPDKRKGL VYIQQTDDSL IHFCWKDRTS GNVEDDLIIFPDDCEFKRVP QCPSGRVYVL KFKAGSKRLF FWMQEPKTDQ DEEHCRKVNE YLNNPPMPGA LGASGSSGHELSALGGEGGL QSLLGNMSHS QLMQLIGPAG LGGLGGLGAL TGPGLASLLG SSGPPGSSSS |

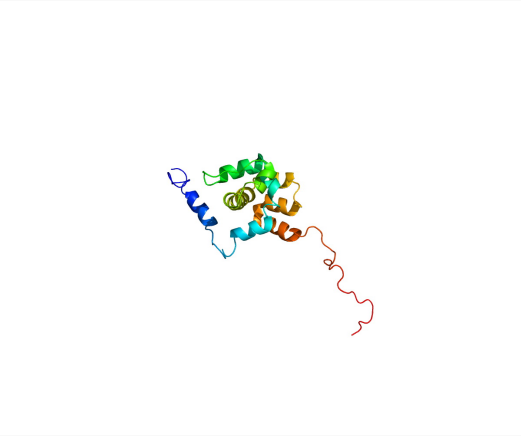
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| | SSSRSQSAAVTPSSTTSSTR ATPAPSAPAA ASATSPSPAP SSGNGASTAA SPTQPIQLSD LQSILATMNV PAGPAGGQQVDLASVLTPEI MAPILANADV QERLLPYLPS GESLPQTADE IQNTLTSPQF QQALGMFSAA LASGQLGPLMCQFGLPAEAV EAANKGDVEA FAKAMQNNAK PEQKEGDTKD KKDEEEDMSL D |
| **Storage** | Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles. |
| **OfficialSymbol** | ADRM1 |
| **nullValue_other** | Function Endopeptidase activator activity; proteinbinding; protease binding; proteasome binding |

## GENE INFORMATION

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| **Gene Name** | ADRM1 adhesion regulatingmolecule 1 [ Homo sapiens ] |
| **Synonyms** | ADRM1; adhesionregulating molecule 1; ARM1; GP110; Rpn13; OTTHUMP00000031471;proteasomalubiquitin receptor ADRM1; ARM-1; hRpn13; M(r) 110,000 surface antigen; adhesion-regulatingmolecule 1; regulatory particle non-ATPase 13; 110 kDa cell membraneglycoprotein; proteasome regulatory particle non-ATPase 13; Gp110; Rpn13homolog |
| **Gene ID** | 11047 |
| **mRNA Refseq** | NM_175573 |
| **Protein Refseq** | NP_783163 |
| **MIM** | 610650 |

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| **UniProt ID** | Q16186 |
| **Chromosome Location** | 20q13.33 |
| **Rendering based onPDB 2KQZ.** |  |

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