

Datasheet for ABIN7548309  
**HMMR Protein (AA 1-724) (His tag)**



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## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 1 mg  |
| Target:                       | HMMR  |
| Protein Characteristics:      | AA 1-724                                    |
| Origin:                       | Human                                       |
| Source:                       | HEK-293 Cells                               |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This HMMR protein is labelled with His tag. |

## Product Details

|           |   |
|-----------|---|
| Purpose:  | Custom-made recombinant HMMR Protein expressed in mammalian cells.  |
| Sequence: | MSFPKAPLKR FNDPSGCAPS PGAYDVKTLE VLKGPVSFQK SQRFKQQKES KQNLNVDKDT<br>TLPASARKVK SSESSESQKN DKDLKILEKE IRVLLQERGA QDRRIQDLET ELEKMEARLN<br>AALREKTSLS ANNATLEKQL IELTRTNELL KSKFSENGNQ KNLRLSLEL MKLRNKRETK<br>MRGMMAKQEG MEMKLQVTQR SLEESQGKIA QLEGKLVSIE KEKIDEKSET EKLLEYIEEI<br>SCASDQVEKY KLDIAQLEEN LKEKNDEILS LKQSLEENIV ILSKQVEDLN VKCQLLEKEK<br>EDHVNRRNREH NENLNAEMQN LKQKFILEQQ EREKLQKEL QIDSLQEQE ELSSSLHQKL<br>CSFQEEMVKE KNLFEEELKQ TLDELDKLQQ KEEQAERLVK QLEEEAKSRA EELKLLEEKL<br>KGKEAELEKS SAAHTQATLL LQEKYDSMVQ SLEDVTAQFE SYKALTASEI EDLKLNSL<br>QEKAAGKGN AEDVQHQILA TESSNQEYVR MLLDLQTKSA LKETEIKEIT VSFLQKITDL<br>QNQLKQQEED FRKQLEDEEG RKAEKENTTA ELTEEINKWR LLYEELYNKT KPFQLQLDAF<br>EVEKQALLNE HGAAQEQLNK IRDSYAKLLG HQNLKQKIKH VVKLKDENSQ LKSEVSKLRC<br>QLAKKKQSET KLQEELNKVL GIKHFDPSKA FHESKENFA LKTPLKEGNT NCYRAPMECQ ESWK |

## Product Details

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**Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

**Characteristics:** Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

**Grade:** custom-made

## Target Details

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**Target:** HMMR

**Alternative Name:** HMMR ([HMMR Products](#))

**Background:** Hyaluronan mediated motility receptor (Intracellular hyaluronic acid-binding protein) (Receptor for hyaluronan-mediated motility) (CD antigen CD168),FUNCTION: Receptor for hyaluronic acid (HA) (By similarity). Involved in cell motility (By similarity). When hyaluronan binds to HMMR, the phosphorylation of a number of proteins, including PTK2/FAK1 occurs. May also be involved in cellular transformation and metastasis formation, and in regulating extracellular-regulated kinase (ERK) activity. May act as a regulator of adipogenesis (By similarity). {ECO:0000250|UniProtKB:Q00547}.

## Target Details

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Molecular Weight: 84.1 kDa

UniProt: [O75330](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months