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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MS4A1 (Human) Recombinant Protein (P01)

Catalog Number: H00000931-P01

Regulation Status: For research use only (RUO)

Product Description: Human MS4A1 full-length ORF (AAH02807, 1 a.a. - 297 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MTTPRNSVNGTFPAEPMKGP IAMQSGPKPLFRMSSL  
VGPTQSFFMRESKTLGAVQIMNGLFHIALGLLMIPAGI  
YAPICVTWVYPLWGGIMYIISGSLAATEKNSRKCLVK  
GKMIMNSLSLFAAISGMILSIMDILNIKISHFLKMESLNFI  
RAHTPYINIYNCEPANPSEKNPSTQYCYSIQSLFLGIL  
SVMLIFAFFQELVIAGIVENEWKRTCSRPKSNIVLLSAE  
EKKEQTIEIKEEVVGLTETSSQPKNEEDIEIPIQEEEEEE  
ETETNFPEPPQDQESSPIENDSSP
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 58.41

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 931

Gene Symbol: MS4A1

Gene Alias: B1, Bp35, CD20, LEU-16, MGC3969, MS4A2, S7

Gene Summary: This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein. [provided by RefSeq]

References:

1. False-positive immunogenicity responses are caused by CD20+ B cell membrane fragments in an anti-ofatumumab antibody bridging assay. Chen K, Page JG, Schwartz AM, Lee TN, Dewall SL, Sikkema DJ, Wang C J Immunol Methods. 2013 Apr 29. pii: S0022-1759(13)00146-4. doi: 10.1016/j.jim.2013.04.011.