# ZNF280D Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | ZNF280D, Blocking Peptide |
| **Full Product Name** | ZNF280D Blocking Peptide |
| **Product Gene Name** | ZNF280D blocking peptide |
| **Product Synonym Names** | MGC21637; MGC61687; SUHW4; Suppressor of hairy wing homolog 4 (Drosophila); Suppressor of hairy wing homolog 4; Z280D_HUMAN; Zinc finger protein 280D; Zinc finger protein 634; Znf280d; ZNF634 |
| **Form/Format** | Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 10 mg/ml. |
| **Purity/Purification** | The purity is >90%,tested by HPLC and MS. |
| **Preparation and Storage** | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C. |
| **Antibody/Peptide Pairs** | ZNF280D peptide (MBS9628971) is used for blocking the activity of ZNF280D antibody (MBS9610267) |
| **Molecular Weight** | 109,285 Da |
| **Supply Chain Verification** | Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire. |
| **Notes** | For phospho antibody, we provide phospho peptide (0.5mg) and non-phospho peptide (0.5mg) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for ZNF280D blocking peptide** | Blocking/Control |
| **Related Product Information for ZNF280D blocking peptide** | Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized antibody. |
| **Other Notes** | Small volumes of ZNF280D blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for ZNF280D purchase** | MBS9628971 is a blocking peptide targeting ZNF280D. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF280D. It may not necessarily be applicable to this product.

| | |
|---|---|
| **NCBI GI #** | 50811873 |
| **NCBI GeneID** | 54816 |
| **NCBI Accession #** | NP_001002843.1 |
| **UniProt Primary Accession #** | Q6N043 |
| **UniProt Secondary Accession #** | Q6MZM6; Q6N085; Q6P2R6; Q7Z6J5; Q9H0U5; Q9HCI8; Q9NXS0; A1L495; B2RMT6 |
| **UniProt Related Accession #** | Q6N043 |

| | |
|---|---|
| **GenBank Nucleotide #** | NM_001002843.2 |
| **NCBI Official Full Name** | zinc finger protein 280D isoform 2 |
| **NCBI Official Synonym Full Names** | zinc finger protein 280D |
| **NCBI Official Symbol** | ZNF280D |
| **NCBI Official Synonym Symbols** | SUHW4; ZNF634 |
| **UniProt Protein Name** | Zinc finger protein 280D |
| **UniProt Synonym Protein Names** | Suppressor of hairy wing homolog 4; Zinc finger protein 634 |
| **Protein Family** | Zinc finger protein |
| **UniProt Gene Name** | ZNF280D |
| **UniProt Synonym Gene Names** | KIAA1584; SUHW4; ZNF634 |
| **UniProt Entry Name** | Z280D_HUMAN |
| **NCBI Protein Information** | zinc finger protein 280D; zinc finger protein 634; suppressor of hairy wing homolog 4 |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
| **Disclaimer** | While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice.<br><br>It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information. |
| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/blocking-peptide/znf280d/9628971