FOXB1/2 Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

PRODUCT OVERVIEW

Product Name	FOXB1/2, Blocking Peptide
Full Product Name	FOXB1/2 Blocking Peptide
Product Gene Name	FOXB1 blocking peptide
Product Synonym Names	FKH 5; FKH5; Forkhead box B1; Forkhead box protein B1; FOX B1; FOXB 1; HFKH 5; HFKH-5; HFKH5; Transcription factor FKH 5; Transcription factor FKH5; FKH5; forkhead box B2; Forkhead box protein B1; Forkhead box protein B2; Transcription factor FKH 5
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	FOXB1/2 peptide (MBS9623589) is used for blocking the activity of FOXB1/2 antibody (MBS9604872)
Molecular Weight	34,978 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 FOXB1 blocking peptide	Blocking/Control
Related Product Information for FOXB1 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 FOXB1 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 FOXB1 purchase	MBS9623589 is a blocking peptide targeting FOXB1. Also known as FOXB1/2 Blocking Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FOXB1. It may not necessarily be applicable to this product.

NCBI GI #	105554437
NCBI GeneID	27023
NCBI Accession #	NP_036314.2
UniProt Primary Accession #	Q99853
UniProt Secondary Accession #	O60652; O75917; Q14CL2
UniProt Related Accession #	Q99853

GenBank Nucleotide #	NM_012182.2
NCBI Official Full Name	forkhead box protein B1
NCBI Official Synonym Full Names	forkhead box B1
NCBI Official Symbol	FOXB1
NCBI Official Synonym Symbols	FKH5; HFKH-5
UniProt Protein Name	Forkhead box protein B1
UniProt Synonym Protein Names	Transcription factor FKH-5
Protein Family	Forkhead box protein
UniProt Gene Name	FOXB1
UniProt Synonym Gene Names	FKH5
UniProt Entry Name	FOXB1_HUMAN
NCBI Protein Information	forkhead box protein B1
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.
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