

## ADAM10

### Synthetic Human ADAM Metallopeptidase Domain 10 (aa 732-748) Blocking Peptide

<b>Catalog No.</b>	PX073BP	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	AD10, CD156c, HsT18717, MADM, kuz, a disintegrin and metalloprotease domain 10, a disintegrin and metalloproteinase domain 10, kuzbanian		
<b>Description:</b>	Amino acids 732 to 748 of human ADAM10.  Members of the ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. This gene encodes an ADAM family member that cleaves many proteins including TNF-alpha and E-cadherin.		
<b>Gene ID:</b>	27242		
<b>Application:</b>	The peptide is used for blocking the activity of anti-ADAM10. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.		
<b>Formulation:</b>	It is supplied as 200 µg/ml, 50 µg/vial, in PBS pH7.2 (10 mM NaH <sub>2</sub> PO <sub>4</sub> , 10 mM, Na <sub>2</sub> HPO <sub>4</sub> , 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Sequence:</b>	PQRQRPRESYQMGHMRR		
<b>Storage &amp; Stability:</b>	Store at -20°C, stable for one year.		

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