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Datasheet for ABIN7505126

MSMB Protein (AA 311-426) (GST-His-Tag)

Overview

Quantity:	100 µg
Target:	MSMB
Protein Characteristics:	AA 311-426
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MSMB protein is labelled with GST-His-Tag.

Product Details

Sequence:	Gly 311-Ser 426
Characteristics:	A DNA sequence encoding the Human INHB protein (P08476) (Gly 311-Ser 426) was expressed with a N-GST&C-His tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	MSMB
Alternative Name:	INHB (MSMB Products)
Background:	Abbreviation: INHB Target Synonym: Inhibin beta A chain,INHBA,Activin A Background: Activin and inhibin are two closely related protein complexes that have almost directly opposite biological effects. Activins, members of the TGF-beta superfamily, are

Target Details

disulfide-linked dimeric proteins originally purified from gonadal fluids as proteins that stimulated pituitary follicle stimulating hormone (FSH) release. Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Activins are homodimers or heterodimers of the various beta subunit isoforms, while inhibins are heterodimers of a unique alpha subunit and one of the various beta subunits.

Molecular Weight:	Calculated MW: 37.65 kDa Observed MW: 36 kDa
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UniProt:	P08476
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Expiry Date:	12 months
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