

Recombinant Human SERPINB6

Catalog No: #GP12009



Package Size: #GP12009-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human SERPINB6
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	serpin peptidase inhibitor, clade B (ovalbumin), member 6
Other Names	CAP; PI6; PTI; PI-6; SPI3; DFNB91; MSTP057
Accession No.	Swissprot:P35237Gene Accession:BC001394
Uniprot	P35237
GeneID	5269;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a member of the serpin (serine proteinase inhibitor) superfamily, and ovalbumin(ov)-serpin subfamily. It was originally discovered as a placental thrombin inhibitor. The mouse homolog was found to be expressed in the hair cells of the inner ear. Mutations in this gene are associated with nonsyndromic progressive hearing loss, suggesting that this serpin plays an important role in the inner ear in the protection against leakage of lysosomal content during stress, and that loss of this protection results in cell death and sensorineural hearing loss. Alternatively spliced transcript variants have been found for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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