

Recombinant human SerpinB2/PAI-2 protein ab69515

Description

Product name	Recombinant human SerpinB2/PAI-2 protein
Biological activity	Determined by its inhibitory effect against single chain tPA induced cleavage of a chromogenic substrate in Imidazole Buffer at 37°C. Half maximal inhibition against 1.0 µg/ml of single chain tPA was obtained at a concentration of 1.0 µg/ml
Purity	> 95 % SDS-PAGE. Purity : Greater than 95% by SDS-PAGE gel and HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1EU/µg).
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	

MEDLCVANTL FALNLFKHLA KASPTQNLFL
SPWSISSTMA MVYMGSRGST EDQMAKVLQF
NEVGANAVT PMTPENFTSC GFMQQIQKGS
YPDAILQAQA ADKIHSSFRS LSSAINASTG N YLLESVNK
LFGEKSASFR EEYIRLCQKY YSSEPQAVDF
LECAEEARKK INSWVKTQTK GK IPNLLPE
GSVDGDTRMV LVNAVYFKGK WKTPFEKKLN
GLYPFRVNSA QRTPVQMMYL REK LNIGYI EDLKAQILEL
PYAGDVSMFL LLPDEIADVS TGLELLESEI TYDKLNKWTS
KDKM AEDEV EVYIPQFKLE EHYELRSILR
SMGMEDAFNK GRANFSGMSE RNDLFLSEVF HQAMV
DVNE EGTEAAAGTG GVMTGRTGHG GPQFVADHPF
LFLIMHKITN CILFFGRFSS P

Specifications

Our **Abpromise guarantee** covers the use of **ab69515** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Lyophilized

Additional notes Previously labelled as SerpinB2.

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.
This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution For lot specific reconstitution information please contact our Scientific Support Team.

General Info

Function Inhibits urokinase-type plasminogen activator. The monocyte derived PAI-2 is distinct from the endothelial cell-derived PAI-1.

Sequence similarities Belongs to the serpin family. Ov-serpin subfamily.

Post-translational modifications The signal sequence is not cleaved.

Cellular localization Cytoplasm. Secreted > extracellular space.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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