



HUMAN FIBRONECTIN alpha-CHYMOTRYPTIC FRAGMENT 40kDa (heparin-binding) PURIFIED PROTEIN

CATALOG NUMBER:	F1903	QUANTITY:	500 µg
LOT NUMBER:			
DESCRIPTION:	<p>Heparin-binding 40kDa fragment of human plasma fibronectin purified from chymotryptic digest of human plasma fibronectin; contains the CS-1 heparin-binding region of fibronectin. Heparin-binding fragment promotes cytoskeleton organization in integrin signaling. One major band at 40 kDa in SDS-PAGE; no higher molecular weight species present; smaller proteolytic fragments may be present.</p> <p>Human sourced raw material used in the production of this product tested negative for hepatitis B virus, hepatitis C virus (HCV), human immunodeficiency virus type-1 (HIV-1) and type-2 (HIV-2), human T-cell lymphotropic virus (HTLV-1 and HTLV-2) and Treponema pallidum. Handle as if potentially infectious.</p>		
APPLICATIONS:	<p>ELISA Affinity chromatography Possibly for molecular mapping of fibronectin function Cell attachment and integrin signaling assays</p>		
PRESENTATION:	<p>Purified by on gelatin-Sepharose and heparin-Sepharose columns. Lyophilized from sodium citrate buffered saline, 20mM, NaCl 150mM, pH 7.4. Reconstitute with distilled water.</p>		
STORAGE/HANDLING:	<p>Maintain lyophilized material at -20°C for up to one year from date of receipt. After reconstitution, maintain at -20°C for up to six months in undiluted aliquots. Avoid repeated freeze/thaw cycles.</p>		
REFERENCES:	<p>Pierschbacher, MD. et al. (1981) <i>Cell</i> 26:259. Ruoslahti, E. et al. (1981) <i>J. Biol. Chem.</i> 256:7277-7282.</p>		

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

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