

## C-terminal hemopexin-like domain of MMP-2 Human Recombinant

<b>Item Number</b>	rAP-4367
<b>Synonyms</b>	C-terminal hemopexin-like domain of MMP-2, PEX.
<b>Description</b>	PEX Human Recombinant is expressed as inclusion bodies in E.coli having a molecular mass of 28,453 Dalton and subsequently refolded in vitro to get biological activity.
<b>Uniprot Accesion Number</b>	
<b>Amino Acid Sequence</b>	MGLEHSQDPG ALMAPIYTYT KNFRLSQDDI KGIQELYGAS PDIDLGTGPT PTLGPTVPEI CKQDIVFDGI AQIRGEIFFF KDRFIWRTVT PRDKPMGPLL VATFWPELPE KIDAVYEAPQ EEKAVFFAGN EYWIYSASTL ERGYPKPLTS LGLPPDVQRV DAAFNWSKNK KTYIFAGDKF WRYNEVKKKM DPGFPKLIAD AWN-AIPDNLD AVVDLQGGGH SYFFKGAYYL KLENQSLKSV KFGSIKSDWL GC.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized PEX although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution PEX should be stored at 4° C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	The protein was lyophilized with 2mM Tris pH-7.4. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the PEX in sterile 18MΩ-cm H <sub>2</sub> O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	The bioactivity was measured by HMEC cell line, PEX can inhibit the transmembrane activity of HMEC under the stimulation of VEGF.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**