

Product Datasheet

Radox - Pro-Matrix Metalloproteinase 9 (PRO MMP-9) (RCP9380)

Catalog Number	RCP9380
Description	Matrix metalloproteinases are a family of zinc- and calcium-dependant endopeptidases, which degrade extracellular matrix proteins. MMP-9 is secreted as a 92kDa zymogen. Cleavage of pro-MMP-9 results in the active enzyme with a molecular weight of ~82kDa. MMP-9 has a gelatin-binding domain consisting of three fibronectin type II units, a catalytic domain containing the zinc-binding site, a proline-rich type V collagenhomologous domain and a hemopexin-like domain. MMP9 is produced by monocytes, macrophages, neutrophils, keratinocytes, fibroblasts, osteoclasts and endothelial cells, and is involved in inflammatory responses, tissue remodelling, wound healing, tumour growth and metastasis.
Preservatives	1XPBS, 50% Glycerol
Form/Appearance	Liquid
Storage	at -20 °C
Tag	N terminal containing a HIS tag
Note	For research use only
Application notes	ELISA, Western Blotting, etc.
Purity	> 95 %, by SDS-PAGE under reducing conditions
Source	E.coli -derived human recombinant protein
MW	78.59 kDa
Uniprot ID	P14780
Expiration Date	6 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

RANDOX

BIOSCIENCES

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44%201223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)