



BoxA 2D (negative control of BoxA wt), LPS-free

Product Number: HM-190; HM-191; HM-192; HM-193

Expiration date: (depends on batch)

Batch number: (each batch has a specific tracking number)

Batch concentration: (depends on batch) after addition of (depends on batch) μ L of distilled water.

Product Description:

BoxA 2D is the mutant form of BoxA (DNA binding domains of HMGB1 protein) in which the two cysteines are replaced with aspartic acid.

It consists of 89 amino acids and has a calculated molecular mass of approximately 10.4 kDa.

BoxA 2D in migration assay cannot block the HMGB1 induced migration of fibroblasts.

It contains only trace amounts of LPS (<0.4 ng/mg protein).

Reagent format:

The BoxA 2D we provide is produced in *E.coli* and has no tags or additional amino acids.

The product is lyophilized from 50 mM HEPES-Na buffer, pH 7.9, 500 mM NaCl and 0.5 mM DTT.

Storage: 2-8°C. The protein once resuspended can be stored frozen (-20°C) The product is resistant to repeated freezing and thawing.

How to use product:

BoxA 2D variant can be used as negative control of BoxA wt.

This product is for research use only

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MGKGDPPKKPR  GKMSYAFFV  QTDREEHKKK
HPDASVNFSE  FSKKDSERWK  TMSAKEKGF
EDMAKADKAR  YEREMKTYIP  PKGETKKKF
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Fig. 1. BoxA 2D sequence

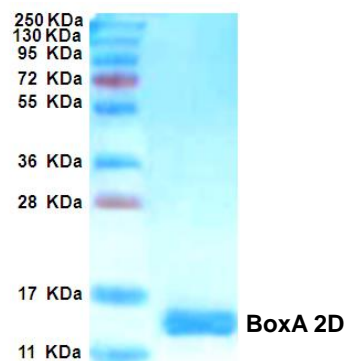


Fig. 2. 15% SDS-PAGE with Coomassie Blue staining

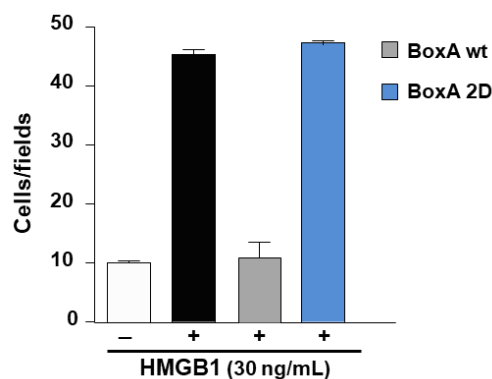


Fig. 3. Migration assay with 3T3 mouse cells. BoxA wt and BoxA 2D were used at concentration of 10ng/mL