

HMGB2, human, LPS-free and tested in migration assay

Product Number: HM-151, HM-152; HM-153

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) of distilled water.

Product Description:

HMGB2 is 80% identical to HMGB1 protein, but is encoded by a different gene. It consists of 195 amino acids and has a calculated molecular mass of approximately 22.3 kDa.

The sequence of this product is that of *Homo sapiens*.

It contains only trace amounts of LPS (<0.4 ng/mg protein) and it is tested for the ability to induce fibroblast migration.

Reagent format:

The HMGB2 we provide is the natural protein, with no tags or additional amino acids.

The product is provided frozen in 50 mM HEPES-Na buffer, pH 7.9, 500 mM NaCl and 0.5 mM DTT.

Storage: -20°C.

This product is for research use only

References:

Ronfani *et al* (2001) Reduced fertility and spermatogenesis defects in mice lacking chromosomal protein Hmgb2. Development 128:1265-73

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MGKGDPNKPR  GKMSYAFFV  QTCREEHKKK
HPDSSVNFAE  FSKKCSERWK TMSAKEKSKF
EDMAKSDKAR  YDREMKNYVP PKGDKKGKKK
DPNAPKRPPS  AFFLFCSEHR PKIKSEHPGL
SIGDTAKKLG  EMWSEQSAKD KQPYEQKAAK
LKEKYEKDIA  AYRAKGKSEA GKKGPGRPTG
SKKKNEPEDE  EEEEE
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Fig. 1. HMGB2 sequence, human

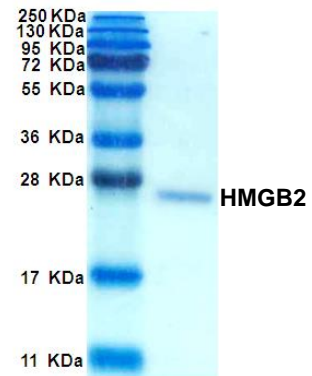


Fig. 2. 15% SDS-PAGE with Coomassie Blue staining

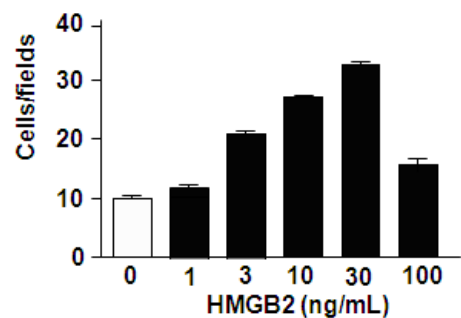


Fig. 3. Migration assay with 3T3 mouse cells