

## Recombinant Human KLF8 cell lysate

Cat. No. KLF8-940HCL Lot. No. (See product label)

### SPECIFICATION

**Species**

Human

**Description**

This gene encodes a protein which is a member of the Sp/KLF family of transcription factors. Members of this family contain a C-terminal DNA-binding domain with three Kruppel-like zinc fingers. The encoded protein is thought to play an important role in the regulation of epithelial to mesenchymal transition, a process which occurs normally during development but also during metastasis. A pseudogene has been identified on chromosome 16. Alternative splicing results in multiple transcript variants.

**Size**

100 ul

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Applications**

Western Blot;

### GENE INFORMATION

**Gene Name**

KLF8 Kruppel-like factor 8 [ Homo sapiens ]

**Official Symbol**

KLF8

**Synonyms**

KLF8; Kruppel-like factor 8; Krueppel-like factor 8; BKLF3; DXS741; ZNF741; zinc finger protein 741; basic kruppel-like factor 3; basic krueppel-like factor 3;

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|                            |  |
|----------------------------|--|
|                            | MGC138314; DKFZp686O08126;   |
| <b>Gene ID</b>             | 11279  |
| <b>mRNA Refseq</b>         | NM_001159296   |
| <b>Protein Refseq</b>      | NP_001152768   |
| <b>MIM</b>                 | 300286   |
| <b>UniProt ID</b>          | O95600   |
| <b>Chromosome Location</b> | Xp11.21  |
| <b>Pathway</b>             | Signaling events mediated by focal adhesion kinase, organism-specific biosystem; |
| <b>Function</b>            | DNA binding; metal ion binding; zinc ion binding;                                |

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