

## Recombinant Human ZBTB33 cell lysate

**Cat. No.** ZBTB33-1954HCL    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                       |                                                                                                                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                                                             |
| <b>Description</b>    | KAISO is a transcriptional regulator that binds, via its zinc fingers, to DNA sequences containing methylated CGCG or to the consensus KAISO-binding site (KBS) TCCTGCNA (Filion et al., 2006 [PubMed 16354688]). |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                            |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                         |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                     |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ZBTB33 zinc finger and BTB domain containing 33 [ Homo sapiens ]                                                                                                                                                                 |
| <b>Official Symbol</b> | ZBTB33                                                                                                                                                                                                                           |
| <b>Synonyms</b>        | ZBTB33; zinc finger and BTB domain containing 33; transcriptional regulator Kaiso; kaiso; KAISO; WUGSC:H_DJ525N14.1; ZNF kaiso; ZNF348; kaiso transcription factor; zinc finger and BTB domain-containing protein 33; ZNF-kaiso; |
| <b>Gene ID</b>         | 10009                                                                                                                                                                                                                            |

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|                            |                                                                      |
|----------------------------|----------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_001184742                                                         |
| <b>Protein Refseq</b>      | NP_001171671                                                         |
| <b>MIM</b>                 | 300329                                                               |
| <b>UniProt ID</b>          | Q86T24                                                               |
| <b>Chromosome Location</b> | Xq23                                                                 |
| <b>Pathway</b>             | Wnt Signaling Pathway and Pluripotency, organism-specific biosystem; |
| <b>Function</b>            | DNA binding; metal ion binding; zinc ion binding;                    |

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