

## Recombinant Human KDM8 Protein, GST-tagged

**Cat. No.** KDM8-4244H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FLJ13798 full-length ORF ( AAH27911, 1 a.a. - 416 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | This gene likely encodes a histone lysine demethylase. Studies of a similar protein in mouse indicate a potential role for this protein as a tumor suppressor. Alternatively spliced transcript variants have been described                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 71.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MAGDTHCPAEPLAREGTLWEALRALLPHSKEDLKLDLGEKVERSVVTLTLLQRATELFY<br>EGRRDECLQSSEVILDYSWEKLNTGTWQDVKDWRRVYAIGCLLKALCLCQAPEDA<br>NTVAAALRVCDMGLLMGAAILGDILLKVAAILQTHLPGKRPARAGSLPEQPCTKKARA<br>DHGLIPDVKLEKTVPRLHRPSLQHFREQFLVPGRPVLKGVADHWPCMQKWSLEYI<br>QEIAGCRTVPVEVGSRYTDEEWSQTLMTVNEFISKYIVNEPRDVGYLEAQHQLFDQIP<br>ELKQDISIPDYCSLGDGEEEEITINAWFGPQGTISPLHQDPQQNFLVQVMGRKYIRLY<br>SPQESGALYPHDTHLLHNTSQVDVENPDLEKFPKFAKAPFLSCILSPGEILFIPVKYW<br>HYVRALDLSFSVSFWWS |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                                                                                                                                                                                               |

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### Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | KDM8 lysine demethylase 8 [ Homo sapiens (human) ]                                                                                                                                                                     |
| <b>Official Symbol</b> | KDM8                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | KDM8; lysine demethylase 8; JMJD5; lysine-specific demethylase 8; jmjC domain-containing protein 5; jumonji domain containing 5; jumonji domain-containing protein 5; lysine (K)-specific demethylase 8; EC 1.14.11.27 |
| <b>Gene ID</b>         | 79831                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_001145348                                                                                                                                                                                                           |
| <b>Protein Refseq</b>  | NP_001138820                                                                                                                                                                                                           |
| <b>MIM</b>             | 611917                                                                                                                                                                                                                 |
| <b>UniProt ID</b>      | Q8N371                                                                                                                                                                                                                 |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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