

# Recombinant Human PELO, GST-tagged

**Cat. No.** PELO-1643H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PELO protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 62-384aa                                                                                                                                                          |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

## GENE INFORMATION

|                        |                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PELO pelota homolog (Drosophila) [ Homo sapiens ]                                                        |
| <b>Official Symbol</b> | PELO                                                                                                     |
| <b>Synonyms</b>        | PELO; pelota homolog (Drosophila); pelota (Drosophila) homolog; protein pelota homolog; CGI-17; PRO1770; |
| <b>Gene ID</b>         | 53918                                                                                                    |

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|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_015946                                                                                                                                            |
| <b>Protein Refseq</b>      | NP_057030                                                                                                                                            |
| <b>MIM</b>                 | 605757                                                                                                                                               |
| <b>UniProt ID</b>          | Q9BRX2                                                                                                                                               |
| <b>Chromosome Location</b> | 5q11.2                                                                                                                                               |
| <b>Pathway</b>             | Focal Adhesion, organism-specific biosystem; mRNA surveillance pathway, organism-specific biosystem; mRNA surveillance pathway, conserved biosystem; |
| <b>Function</b>            | endonuclease activity; hydrolase activity; metal ion binding;                                                                                        |

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