

Recombinant Human MTL5, GST-tagged

Cat. No. MTL5-134H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTL5(399 a.a. - 508 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
Description	<p>Metallothionein proteins are highly conserved low-molecular-weight cysteine-rich proteins that are induced by and bind to heavy metal ions and have no enzymatic activity. They may play a central role in the regulation of cell growth and differentiation and are involved in spermatogenesis. This gene encodes a metallothionein-like protein which has been shown to be expressed differentially in mouse testis and ovary. Two transcript variants encoding different isoforms have been found for this gene.</p>
Molecular Mass	37.84 kDa
AA Sequence	GCKNYEESPERKTLMSMPNYMQTGGLEGSHYLPPTKFSGGLPRFSDRRPSSCISW EVVEATCACLQAQEEAEKE HCSKCLAEQMILEEFGRCLSQILHTEFKSKGLKME
Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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GENE INFORMATION**Gene Name** MTL5 metallothionein-like 5, testis-specific (tesmin) [Homo sapiens (human)]**Official Symbol** MTL5**Synonyms** MTL5; MTLT; CXCDC2; TESMIN; metallothionein-like 5, testis-specific (tesmin); tesmin; CXC domain containing 2; testis-specific metallothionein-like protein**Gene ID** 9633**mRNA Refseq** NM_004923**Protein Refseq** NP_004914**MIM** 604374**UniProt ID** Q9Y4I5**Chromosome Location** 11q13.2-q13.3**Function** metal ion binding Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA