

Recombinant Human EME2 Protein, GST-tagged

Cat. No. EME2-3276H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EME2 full-length ORF (AA167808.1, 1 a.a. - 444 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	EME2 forms a heterodimer with MUS81 (MIM 606591) that functions as an XPF (MIM 278760)-type flap/fork endonuclease in DNA repair (Ciccia et al., 2007 [PubMed 17289582]).[supplied by OMIM, Mar 2008]
Molecular Mass	48.9 kDa
AA Sequence	MARVGPGRAGVSCQGRGRGRGGSGQRRPPTWEISDSAEDSAGSEAAARARDP AGERRAAAEALRLLRPEQVLKRLAVCVDTAILEDAGADVLMEALEALGCECRIEPQR PARSLRWTRASPDPCPRSLPPEVWAAGEQELLLLLEPEEFLQGVATLTQISGPTHW VPWISPETTARPHLAVIGLDAYLWYRSLSCPQQGWLGRGFRGGGLWQRPSSGRAG PMGSGEEWSPLLRSRQHVSRTGQPPESPKVAGAEVAVSWPEVEEVRACLSWALV LLQLWANLDVLLVASWQELSRHVCAVTKALAQYPLKCVMPRLKGGRITSRQYRESQ AFSFCTAGRWAAGEPVARDGAGLQAAWRRQIRQFSRVSPAVADAVVTAFPSRLL QQALEACSTERERMGLLADLPVPPSEGGRPRRVGPDLSRRICFLTANPDLLLDLG S
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EME2 essential meiotic structure-specific endonuclease subunit 2 [Homo sapiens (human)]
Official Symbol	EME2
Synonyms	EME2; essential meiotic structure-specific endonuclease subunit 2; Essential Meiotic Structure-Specific Endonuclease Subunit 2; SLX2 Structure-Specific Endonuclease Subunit Homolog B (S. Cerevisiae); SLX2 Structure-Specific Endonuclease Subunit Homolog B; Essential Meiotic Endonuclease 1 Homolog 2 (S. Pombe); Probable Crossover Junction Endonuclease EME2; Essential Meiotic Endonuclease 1 Homolog 2; Homolog Of Yeast EME1 Endonuclease 2; EC 3.1.22.-; SLX2B; Gs125; probable crossover junction endonuclease EME2; SLX2 structure-specific endonuclease subunit homolog B; essential meiotic endonuclease 1 homolog 2; homolog of yeast EME1 endonuclease 2
Gene ID	197342
mRNA Refseq	NM_001257370
Protein Refseq	NP_001244299

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MIM	610886
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UniProt ID	A4GXA9
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