

## Recombinant Full Length Human MOS Protein, GST-tagged

Cat. No. MOS-6314HF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human MOS full-length ORF ( NP_005363.1, 1 a.a. - 346 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	346 amino acids
<b>Description</b>	MOS is a serine/threonine kinase that activates the MAP kinase cascade through direct phosphorylation of the MAP kinase activator MEK (MAP2K1; MIM 176872) (Prasad et al., 2008 [PubMed 18246541]).[supplied by OMIM
<b>Molecular Mass</b>	64.2 kDa
<b>AA Sequence</b>	MPSPLALRPYL RSEFSPSVDARPCSSPELPAKLLL GATLPRAPRLPRRLAWCSIDW EQVCLLQRLGAGGFGSVYKATYRGVPAIKQV NKCTKNRLASRRSFWAELNVARLR HDNIVRVVAASRTPAGS NSLGTIIMEFGGNVTLHQVIYGAAGHPEGDAGEPHCRTG GQLSLGKCLKYSLDVVNGLLFLHSQSIVHLDLKPANILISEQDVCKISDFGCSEKLEDL LCFQTPSYPLGGTYTHRAPELLKGEGVTPKADIYSFAITLWQM TTKQAPYSGERQHI LYAVVAYDLRPSLSAAVFEDSLPGQRLGDVIQRCWRPSAAQRPSARLLLVDLTSLKA ELG
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production 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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">MOS v-mos Moloney murine sarcoma viral oncogene homolog [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">MOS</a>
<b>Synonyms</b>	MOS; v-mos Moloney murine sarcoma viral oncogene homolog; proto-oncogene serine/threonine-protein kinase mos; c-mos; proto-oncogene c-Mos; oocyte maturation factor mos; oncogene MOS, Moloney murine sarcoma virus; MSV; MGC119962; MGC119963;
<b>Gene ID</b>	<a href="#">4342</a>
<b>mRNA Refseq</b>	<a href="#">NM_005372</a>
<b>Protein Refseq</b>	<a href="#">NP_005363</a>
<b>MIM</b>	<a href="#">190060</a>
<b>UniProt ID</b>	<a href="#">P00540</a>

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