

Recombinant Full Length Human MOS Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human MOS full-length ORF (NP_005363.1, 1 a.a. - 346 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	346 amino acids
Description	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
Molecular Mass	64.2 kDa
AA Sequence	MPSPLALRPYLRSEFSPSVDARPCSSPSELP AKLLLGATLP RAPRLPRRLAWCSIDW EQVCLLQRLGAGGFGSVYKATYRGVPVAIKQVNKCTKNRLASRRSFWAELNVARLR HDNIVRVVAASRTPAGSNSLGTIIMEFGGNVTLHQVIYGAAGHPEGDAGEPHCRTG GQLSLGKCLKYSLDVVNGLLFLHSQSIVHLDLKPANILISEQDVCKISDFGCSEKLEDL LCFQTPSYPLGGTYTHRAPELLKGEGVTPKADIYSFAITLWQMTTKQAPYSGERQHI LYAVVAYDLRPSLSAAVFEDSLPGQRLGDVIQRCWRPSAAQRP SARLLLVDLTSLKA ELG
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	MOS v-mos Moloney murine sarcoma viral oncogene homolog [Homo sapiens]
Official Symbol	MOS
Synonyms	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;
Gene ID	4342
mRNA Refseq	NM_005372
Protein Refseq	NP_005363
MIM	190060
UniProt ID	P00540