

# Recombinant Full Length Human ESCO2 Protein, GST-tagged

Cat. No. ESCO2-4699HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human ESCO2 full-length ORF ( AAI46563.1, 1 a.a. - 601 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	601 amino acids
<b>Description</b>	This gene encodes a protein that may have acetyltransferase activity and may be required for the establishment of sister chromatid cohesion during the S phase of mitosis. Mutations in this gene have been associated with Roberts syndrome. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	93.06 kDa
<b>AA Sequence</b>	MAALTPRKRKQDSLKCDSELLHFTENLFPSPNKKHCFYQNSDKNEENLHCSQQEHFV LSALKTTEINRLPSANQGSPFKSALSTVSFYQNQKWYLNPLERKLIKESRSTCLKTND EDKSFPIVTEKMGGKPVCSKKNKPKQKSLTAKYQPKYRHIKPVSRNSRNSKQNRVI YKPIVEKENNCHSAENNSNAPRVLSQKIKPQVTLQGGAAFFVRKKSSLRKSSLENEP SLGRTQKSKSEVIEDSDVETVSEKKTAFATRQVPKCLVLEEKLIKIGLLSASSKNKEKLIK DSSDDRVSSEKHKVDKNEAFSSDSLGENKTISPSTVYPIFSASSVNSKRSLGEEQ FSVGSVNFMKQTNIQKNTNTRDTSKTKDQLIIDAGQKHFGATVCKSCGMIYTASNP EDEMQRHVQHHRFLEGIKYVGWKKERVVAEFWDGKIVLVLPDPSFAIKKVEDVQE LVDNELGFQQVVPKCPNLIKITFLFISDEKRVVGCIAEPIKQAFRVLSEPIGPESPSST

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ECPRAWQCSDVPEPAVCGISRIWVFRLLKRRKRIARRLVDTLRNCFMFGCFLSTDEIA  
FSDPTPDGKLFATKYCNTPNFLVYNFNS

<b>Applications</b>	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p> <p>Protein Array</p>
<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.

## GENE INFORMATION

<b>Gene Name</b>	ESCO2 establishment of cohesion 1 homolog 2 ( <i>S. cerevisiae</i> ) [ <i>Homo sapiens</i> ]
<b>Official Symbol</b>	ESCO2
<b>Synonyms</b>	ESCO2; establishment of cohesion 1 homolog 2 ( <i>S. cerevisiae</i> ); RBS, Roberts syndrome; N-acetyltransferase ESCO2; EFO2; ECO1 homolog 2; RBS; 2410004I17Rik;
<b>Gene ID</b>	157570
<b>mRNA Refseq</b>	NM_001017420
<b>Protein Refseq</b>	NP_001017420
<b>MIM</b>	609353

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UniProt ID

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