

Recombinant Full Length Human ESCO2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human ESCO2 full-length ORF (AAI46563.1, 1 a.a. - 601 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	601 amino acids
Description	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]
Molecular Mass	93.06 kDa
AA Sequence	MAALTPRKRKQDSLKCDSELLHFTENLFSPNKKHCFYQNSDKNEENLHCSQQEHFV LSALKTTEINRLPSANQGSPFKSALSTVSFYNQNKWYLNPLERKLIKESRSTCLKTND EDKSFPIVTEKMQGKPVCSKKNKKPQKSLTAKYQPKYRHIKPVSRNSRNSKQNRVI YKPIVEKENNCHSAENNSNAPRVLSQKIKPQVTLQGGAAFFVRKKSSLRKSSLENEP SLGRTQKSKSEVIEDSDVETVSEKKTATRQVPKCLVLEEKLKIGLLSASSKNKEKLIK DSSDDRVSSEKHKVDKNEAFSSDSLGENKTISPKSTVYPIFSASSVNSKRSLGEEQ FSVGSVNFMKQTNIQKNTNTRDTSKTKDQLIIDAGQKHFGATVCKSCGMIYTASNP EDEMQHVVQHHRFLEGIKYVGWKKERVVAEFWDGKIVLVLPDPSFAIKKVEDVQE LVDNELGFQQVVPKCPNKKIKTFLFISDEKRVVGCIAEPIKQAFRVLSEPIGPESPSST

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	ECPRAWQCSDVPEPAVCGISRIWVFLKRRKRIARRLVDTLRNCFMFGCFLSTDEIA FSDPTPDGKLFATKYCNTPNFLVYNFNS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) 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	ESCO2 establishment of cohesion 1 homolog 2 (S. cerevisiae) [Homo sapiens]
Official Symbol	ESCO2
Synonyms	ESCO2; establishment of cohesion 1 homolog 2 (S. cerevisiae); RBS, Roberts syndrome; N-acetyltransferase ESCO2; EFO2; ECO1 homolog 2; RBS; 2410004I17Rik;
Gene ID	157570
mRNA Refseq	NM_001017420
Protein Refseq	NP_001017420
MIM	609353

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UniProt ID

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