

Recombinant Human ESCO2 Protein, GST-tagged

Cat. No. ESCO2-3497H **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	Wheat Germ
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	MAALTPRK RKQDSLKCD SLLHFTENLFPSPNKKHCFYQNSDKNEENLHCSQQEHFV LSALKTTEINRLPSANQGSPFKSALSTVSFYQNKWYLNPLERKLIKESRSTCLKTND EDKSFPIVTEKMQGKPVCSKKNKKPQKSLTAKYQPKYRHIKPVSRNSRNSKQNRVI YKPIVEKENNCHSAENNSNAPRVLSQKIKPQVTLQGGAAFFVRKKSSLRKSSLENEP SLGRTQKSKSEVIEDSDVETVSEKKT FATRQVPKCLVLEEKLKIGLLSASSKNKEKLIK DSSDDRVSSEKHKVDKNEAFSSDSLGENKTISPSTVYPIFSASSVNSKRSLGEEQ FSVGSVNFMKQTNIQKNTNTRDTSKKTQDLIDAGQKHFGATVCKSCGMIYTASNP EDEM QHVQH HHRFLEGIKYVGWKKERVVAEFWDGKIVLVLP HDPSFAIKKVEDVQE LVDNELGFQQVVPKCPNKIKTFLFISDEKRVVGLIAEPIKQAFRVLSEPIGPESPSST ECPRAWQCSDVPEPAVCGISRIWVFR LKRRKRIARRLVDTLRNCFMFGCFLSTDEIA

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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

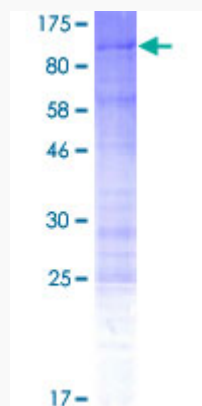
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UniProt ID

Q56NI9

**Quality Control
Testing**

12.5% SDS-PAGE Stained with Coomassie Blue.

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