

Recombinant Human ESS2 Protein, GST-tagged

Cat. No. ESS2-2562H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DGCR14 full-length ORF (AAH37829.1, 1 a.a. - 395 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is located within the minimal DGS critical region (MDGCR) thought to contain the gene(s) responsible for a group of developmental disorders. These disorders include DiGeorge syndrome, velocardiofacial syndrome, conotruncal anomaly face syndrome, and some familial or sporadic conotruncal cardiac defects which have been associated with microdeletion of 22q11.2. The encoded protein may be a component of C complex spliceosomes, and the orthologous protein in the mouse localizes to the nucleus. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2015]
Molecular Mass	67 kDa
AA Sequence	MLGACFPNLSSGDVMVFGPGGLGQPVLHPVLVLGHHQQPVLGFGSKLVVGPVVG QACLG VQFALS AVLALPLPLEGGRRRGFGLGGLQPRVAEDLIDVEPLADVGLQH AV DEV LALAGQVLGAREVHTVLLD TQHL PDVGVVIGHGAADHDVQDHAQAPDVIHLGL VGDALQHLGGCICCRPAEGLAEDDAPIAVPQAALGEAKVRQLDVEVLVEEKVLAL EV PVDDVQVVAVL DGGGELSEHLACHVLMQGS LALDELEKRLAPLPSTSPRHVGQQA L SSFTLPEASGWAALGWASTQGWD TQHCLRVTSANELIKPRSGGGDWAEGEQGLW

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	NRGSQAGLAGAPTPRPLEGSLSPGQDSGGPAAAAALVSLSQVKLEGRRPTSSLFASP GCGD
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	ESS2 ess-2 splicing factor homolog [Homo sapiens (human)]
Official Symbol	ESS2
Synonyms	ESS2; ess-2 splicing factor homolog; DGCR14; DiGeorge syndrome critical region gene 14; DGCR13, DiGeorge syndrome critical region gene 13; protein DGCR14; DGS H; DGS I; ES2; Es2el; Protein DGCR13; DiGeorge syndrome gene H; DiGeorge syndrome gene I; diGeorge syndrome protein H; diGeorge syndrome critical region 13; diGeorge syndrome critical region 14; DiGeorge syndrome critical region gene 13; DiGeorge syndrome critical region gene DGS I; DGS H; DGS-H; DGS-I; DGCR13;
Gene ID	8220
mRNA Refseq	NM_022719

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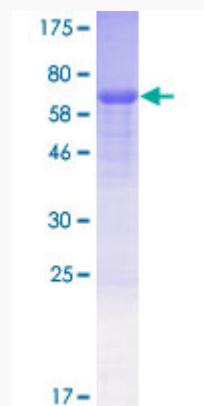
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Protein Refseq NP_073210

MIM 601755

UniProt ID Q96DF8

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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