Recombinant Human RAX2 Protein, GST-tagged

Cat. No. RAX2-4353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MGC15631 full-length ORF (NP_116142.1, 1 a.a. - 184 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a homeodomain-containing protein that plays a role in eye development. Mutation of this gene causes age-related macular degeneration type 6, an eye disorder resulting in accumulations of protein and lipid beneath the retinal pigment epithelium and within the Bruchs membrane. Defects in this gene can also cause cone-rod dystrophy type 11, a disease characterized by the initial degeneration of cone photoreceptor cells and resulting in loss of color vision and visual acuity, followed by the degeneration of rod photoreceptor cells, which progresses to night blindness and the loss of peripheral vision. [provided by RefSeq
Molecular Mass	46.5 kDa
AA Sequence	MFLSPGEGPATEGGGLGPGEEAPKKKHRRNRTTFTTYQLHQLERAFEASHYPDVY SREELAAKVHLPEVRVQVWFQNRRAKWRRQERLESGSGAVAAPRLPEAPALPFAR PPAMSLPLEPWLGPGPPAVPGLPRLLGPGPGLQASFGPHAFAPTFADGFALEEASL RLLAKEHAQALDRAWPPA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

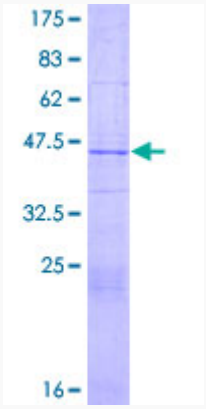
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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	RAX2 retina and anterior neural fold homeobox 2 [Homo sapiens]
Official Symbol	RAX2
Synonyms	RAX2; retina and anterior neural fold homeobox 2; RAXL1, retina and anterior neural fold homeobox like 1; retina and anterior neural fold homeobox protein 2; MGC15631; Q50-type retinal homeobox protein; retina and anterior neural fold homeobox like 1; retina and anterior neural fold homeobox-like protein 1; QRX; ARMD6; RAXL1; CORD11;
Gene ID	84839
mRNA Refseq	NM_032753
Protein Refseq	NP_116142
MIM	610362
UniProt ID	Q96IS3

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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