

Recombinant Human CECR2 Protein (R425-H538), Tag Free

Cat. No. CECR2-1015H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CECR2(R425-H538) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	R425-H538
Description	Regulatory subunit of the ATP-dependent CERF-1 and CERF-5 ISWI chromatin remodeling complexes, which form ordered nucleosome arrays on chromatin and facilitate access to DNA during DNA-templated processes such as DNA replication, transcription, and repair. The complexes do not have the ability to slide mononucleosomes to the center of a DNA template. The CERF-1 ISWI chromatin remodeling complex has a lower ATP hydrolysis rate than the CERF-5 ISWI chromatin remodeling complex. Plays a role in various processes during development: required during embryogenesis for neural tube closure and inner ear development. In adults, required for spermatogenesis, via the formation of ISWI-type chromatin complexes. In histone-modifying complexes, CECR2 recognizes and binds acylated histones: binds histones that are acetylated and/or butyrylated. May also be involved through its interaction with LRPPRC in the integration of cytoskeletal network with vesicular trafficking, nucleocytoplasmic shuttling, transcription, chromosome remodeling and cytokinesis.
Form	Liquid

 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

Endotoxin	< 0.01 EU per µg of the protein
Purity	95%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50mM Tris7.5, 200mM NaCl, 20%glycerol, 1mM DTT.
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	CECR2 cat eye syndrome chromosome region, candidate 2 [Homo sapiens (human)]
Official Symbol	CECR2
Synonyms	CECR2; cat eye syndrome chromosome region, candidate 2; cat eye syndrome critical region protein 2; KIAA1740;
Gene ID	27443
mRNA Refseq	NM_031413
Protein Refseq	NP_113601
MIM	607576

 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



UniProt ID

Q9BXF3

 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