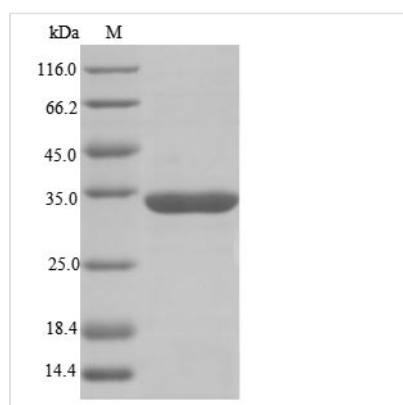




Recombinant Human RNA-binding motif protein, X chromosome (RBMX), partial

Product Code	CSB-EP019444HU1
Abbreviation	Recombinant Human RBMX protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P38159
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	DLYSSGRDRVGRQERGLPPSMERGYP PPRDSYSSSSSRGAPRGGGRGGSRS DRGGGRSRY
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	RBMX
Protein Names	Recommended name: RNA-binding motif protein, X chromosome Alternative name(s): Glycoprotein p43 Heterogeneous nuclear ribonucleoprotein G Short name= hnRNP G Cleaved into the following chain: 1. RNA-binding motif protein, X chromosome, N-t
Expression Region	333-391aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	33.4 kDa
Protein Length	Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Description

The formation of the recombinant plasmid by incorporating the gene encoding the Human RBMX protein (333-391aa) into a plasmid vector initiates the generation of the recombinant Human RBMX protein. Transforming the recombinant plasmid into e.coli cells and then selecting the positive e.coli cells based on their ability to survive in the presence of a specific antibiotic. The positive e.coli cells are cultured under conditions that stimulate the expression of the gene of interest. The protein is equipped with a N-terminal GST tag. After expression, affinity purification is employed to isolate and purify the recombinant Human RBMX protein from the cell lysate. Denaturing SDS-PAGE is utilized to resolve the resulting recombinant Human RBMX protein, revealing a purity level exceeding 85%.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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