

## Recombinant Human XPO1 protein, His-tagged

Cat. No. XPO1-3796H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human XPO1 protein(301-540 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	301-540 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	NTNIRLAYSNGKDDEQNFQNLSLFLCTFLKEHDQLIEKRLNLRETLMEALHYMLLVSEVEETEIFKICLEYWNHLAAELYRESPFSTSASPLLSGSQHFDVPPRRQLYLPMLFKV RLLMVSRMAKPEEVLVVENDQGEVVREFMKDTSINLYKNMRETLVYLTHLDYVDT ERIMTEKLNQVNGTEWSWKNLNTLCWAIGSISGAMHEEDEKRFLVTVIKDLLGLCE QKRGKDNKAIL
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

**GENE INFORMATION**
**Gene Name**

XPO1 exportin 1 (CRM1 homolog, yeast) [ Homo sapiens ]

**Official Symbol**

XPO1

**Synonyms**

XPO1; exportin 1 (CRM1 homolog, yeast); exportin 1 (CRM1, yeast, homolog);  
 exportin-1; CRM1; emb; CRM1, yeast, homolog; chromosome region maintenance 1  
 protein homolog; exportin-1 (required for chromosome region maintenance); exp1;  
 DKFZp686B1823;

**Gene ID**

7514

**mRNA Refseq**

NM\_003400

**Protein Refseq**

NP\_003391

**MIM**

602559

**UniProt ID**

O14980

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