



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### XRCC6 (Human) Recombinant Protein (P02)

**Catalog Number:** H00002547-P02

**Regulation Status:** For research use only (RUO)

**Product Description:** Human XRCC6 full-length ORF (AAH18259, 1 a.a. - 609 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSGWESYYKTEGDEEAEEEEQEENLEASGDYKYSGRD  
SLIFLVDASKAMFESQSEDELTPFDMSIQCIQSVYISKII  
SSDRDLLAVVFGTEKDKNSVNFKNIVLQELDNPGAK  
RILELDQFKGQQGQKRFQDMMGHGSDYSLSEVLWVC  
ANLFSVDVQFKMSHKRIMLFTNEDNPHGNDSAKASRAR  
TKAGDLRDTGIFLDMHLKKGDFDISLFYRDTISIAED  
EDLRVHFEESSKLEDLLRKVRKETRKRALSRLKLLKN  
KDIVISVGIYNLVQKALKPPPIKLYRETNEPVKTKTRTFN  
TSTGGLLLPSDTKRSQIYGSRQIILEKEETEELKRFDDP  
GLMLMGFKPLVLLKHHYLRPSLFVYPEESLVIGSSTL  
FSALLIKCLEKEVAALCRYTPRRNIPPYFVALVPQEEEL  
DDQKIQVTPPGFQLVFLPFADDKRKMPFTEKIMATPEQ  
VGKMKAVEKLRFTYRSDSFENPVLQQHFRNLEALALD  
LMEPEQAVDLTLPKVEAMNKRLGSLVDEFKELVYPPD  
YNPEGKVTKRKHDNEGSGSKRPKVEYSEEELKTHISK  
GTLGKFTVPMLEACRAYGLKSLGKQELLEALTKHF  
QD

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 92.73

**Interspecies Antigen Sequence:** Mouse (83); Rat (83)

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2547

**Gene Symbol:** XRCC6

**Gene Alias:** CTC75, CTCBF, G22P1, KU70, ML8, TLAA

**Gene Summary:** The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus. [provided by RefSeq]