



# 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

### CYSLTR1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00010800-P01

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

**Product Description:** Human CYSLTR1 full-length ORF ( NP\_006630.1, 1 a.a. - 337 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MDETGNLTVSSATCHDTIDDFRNQVYSTLYSMISVVGF
FGNGFVLYVLIKTYHKKSAFQVYMINLAVADLLCVCTLP
LRVYYYVHKGIWLFQDFLCRLSTYALYVNLCSIFFMT
AMSFRCIAIVFPVQINLVTQKKARFVCVGIWIFVILTS
SPFLMAKPKDEKNNTKCFEPPQDNQTKNHVLLVHYV
SLFVGFIIPFVIVCYTMIILTLLKSMKKNLSSHKAIGM
IMVVTAAFLVSFMPYHIQRTIHLHFLHNETKPCDSVLRM
QKSVVITLSLAASNCCFDPLLYFFSGGNFRKRLSTFRK
HSLSSVTYVPRKKASLPEKGEEICKV
```

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

**Theoretical MW (kDa):** 64.9

**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:** 10800

**Gene Symbol:** CYSLTR1

**Gene Alias:** CYSLT1, CYSLT1R, CYSLTR, HG55,

HMTMF81, MGC46139

**Gene Summary:** The cysteinyl leukotrienes LTC<sub>4</sub>, LTD<sub>4</sub>, and LTE<sub>4</sub> are important mediators of human bronchial asthma. Pharmacologic studies have determined that cysteinyl leukotrienes activate at least 2 receptors, the protein encoded by this gene and CYSLTR2. This encoded receptor is a member of the superfamily of G protein-coupled receptors. Activation of this receptor by LTD<sub>4</sub> results in contraction and proliferation of smooth muscle, oedema, eosinophil migration and damage to the mucus layer in the lung. [provided by RefSeq]