



# 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

### GOT2 (Human) Recombinant Protein

**Catalog Number:** P6933

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

**Product Description:** Human GOT2 (NP\_002071, 30 - 430 a.a.) partial length recombinant protein with His tag expressed in *Escherichia coli* expression system.

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 47

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Preparation Method:** *Escherichia coli* expression system

**Purity:** > 95% by SDS-PAGE

**Endotoxin Level:** < 1 EU/ug

**Activity:** Specific activity is > 60 units/mg, and is defined as the amount of enzyme that convert 1 umole of alpha-ketoglutarate to L-Glutamate per minute at pH 8.0 at 25°C.

**Recommend Usage:** SDS-PAGE  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In 20 mM Tris-HCl, 0.15 M NaCl, 1 mM DTT, pH 8.0 (10% glycerol)

**Storage Instruction:** Store at 4°C for one week. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2806

**Gene Symbol:** GOT2

**Gene Alias:** FLJ40994, KAT4, KATIV, mitAAT

**Gene Summary:** Glutamic-oxaloacetic transaminase is

a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and inner-membrane mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology. [provided by RefSeq]