



# SZABO SCANDIC

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## Produktinformation



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### GTF2A2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00002958-P01

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

**Product Description:** Human GTF2A2 full-length ORF (AAH00287, 1 a.a. - 109 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAYQLYRNTTLGNSLQESLDELIQSQQITPQLALQVLL  
QFDKAINAALAQRVRNRVNFGRSLNTYRFCDNVWTFV  
LNDVEFREVTELIKVDKVKIVACDGGKNTGSNTTE

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

**Theoretical MW (kDa):** 37.73

**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:** 2958

**Gene Symbol:** GTF2A2

**Gene Alias:** HsT18745, TF2A2, TFIIA

**Gene Summary:** Accurate transcription initiation on TATA-containing class II genes involves the ordered assembly of RNA polymerase II (POLR2A; MIM 180660) and the general initiation factors TFIIA, TFII B (MIM 189963), TFIID (MIM 313650), TFIIE (MIM 189962),

TFIIF (MIM 189968), TFIIG/TFIIJ, and TFIH (MIM 189972). The first step involves recognition of the TATA element by the TATA-binding subunit (TBP; MIM 600075) and may be regulated by TFIIA, a factor that interacts with both TBP and a TBP-associated factor (TAF; MIM 600475) in TFIID. TFIIA has 2 subunits (43 and 12 kD) in yeast and 3 subunits in higher eukaryotes. In HeLa extracts, it consists of a 35-kD alpha subunit and a 19-kD beta subunit encoded by the N- and C-terminal regions of GTF2A1 (MIM 600520), respectively, and a 12-kD gamma subunit encoded by GTF2A2 (DeJong et al., 1995 [PubMed 7724559]).[supplied by OMIM]