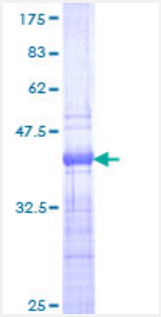
TCF7 (Human) Recombinant Protein (Q01)

Catalog # H00006932-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TCF7 partial ORF (NP_003193, 287 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VIAECTLKESAAINQILGRRWHALSREEQAKYYELARKERQLHMQLYPGWSARDNYGKKKRRSREKHQESTTGGKRNAFGTYPEKAAAPAPFLPMTVL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TCF7

Entrez GeneID	6932
GeneBank Accession#	NM_003202
Protein Accession#	NP_003193
Gene Name	TCF7
Gene Alias	FLJ36364, MGC47735, TCF-1
Gene Description	transcription factor 7 (T-cell specific, HMG-box)
Omim ID	189908
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000159391|Transcription factor-7, T-cell specific

Pathway

- Acute myeloid leukemia
- Adherens junction
- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- Basal cell carcinoma
- Colorectal cancer

- Endometrial cancer
- Melanogenesis
- Pathways in cancer
- Prostate cancer
- Thyroid cancer
- Wnt signaling pathway

Disease

- Atherosclerosis
- Brain Ischemia
- Cardiovascular Diseases
- Chlamydia Infections
- Coronary Artery Disease
- Coronary Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypertension
- Inflammation
- Migraine Disorders
- Multiple Sclerosis
- Obesity
- Osteoporosis

- Recurrence
- Stroke

- Trachoma