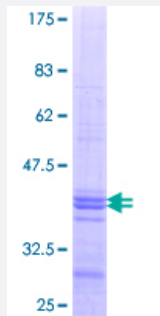


ZADH1 (Human) Recombinant Protein (Q01)

Catalog # H00145482-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human ZADH1 partial ORF (NP_689657.1, 252 a.a. - 350 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LCGQISQYNKDVPYPPLSPAIEAIQKERNITRERFLVLNYKDKFEPGILQLSQWFKEGKLKIKETVIN GLENMGAAFQSMMTGGNIGKQVCISEEIS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
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 — PTGR2

Entrez GeneID	145482
GeneBank Accession#	NM_152444
Protein Accession#	NP_689657.1
Gene Name	PTGR2
Gene Alias	DKFZp686P10120, FLJ39091, PGR-2, PGR2, PTRG2, ZADH1
Gene Description	prostaglandin reductase 2
Omim ID	608642
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme involved in the metabolism of prostaglandins. The encoded protein catalyzes the NADPH-dependent conversion of 15-keto-prostaglandin E2 to 15-keto-13,14-dihydro-prostaglandin E2. This protein may also be involved in regulating activation of the peroxisome proliferator-activated receptor. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	15-oxoprostaglandin-delta13-reductase zinc binding alcohol dehydrogenase domain containing 1 zinc binding alcohol dehydrogenase, domain containing 1