

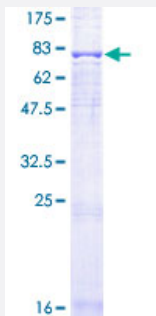
Full-Length

FZR1 (Human) Recombinant Protein (P01)

Catalog # H00051343-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human FZR1 full-length ORF (AAH13413.1, 1 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDQDYERRLLRQVIQNENTMPRVTEMRRRLTPASSPVSSPSKHGDRFIPSRAGANWSVNFHRIN
 ENKSPSQNRKAKDATSDNGKDGGLAYSALLKNELLGAGIEKVQDPQTEDRRLQPSTPEKKGLFT
 YSLSTKRSSPDDGNDVSPYSLSPVSNKSQKLLRSPRKPTRKISKIPFKVLDAPELQDDFYLNLD
 WSSLNVL SVGLGTCVYLWSACTSQVTRLCDLSVEGDSVTSVGWSEGRNLVAVGTHKGFVQWD
 AAAGKKLSMLEGHTARVGALAWNAEQLSSGSRDRMLQDIRTPPLQSERRLQGHRQEVCGLK
 WSTDHQLLASGGNDNKLLVWNHSSLSPVQQYTEHLAAVKAIWSPHQHGLLASGGGTADRCIRF
 WNTLTGQPLQCIDTGSQVCNLAWSKHANELVSTHGYSYQQLVWKYPSLTQVAKLTGHSYRVLYL
 AMSPDGEAMTGAGDETLRFWNVFSKTRSTKESVSVLNLVTRIR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.08

Interspecies Antigen Sequence

Mouse (97); Rat (97)

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 — FZR1

Entrez GeneID	51343
GeneBank Accession#	BC013413
Protein Accession#	AAH13413.1
Gene Name	FZR1
Gene Alias	CDC20C, CDH1, FZR, FZR2, HCDH, HCDH1, KIAA1242
Gene Description	fizzy/cell division cycle 20 related 1 (Drosophila)
Omim ID	603619
Gene Ontology	Hyperlink
Other Designations	CDC20-like 1b Fzr1 protein fizzy-related protein

Publication Reference

- [Targeting USP10 induces degradation of oncogenic ANLN in esophageal squamous cell carcinoma.](#)

Yu-Fei Cao, Lei Xie, Bei-Bei Tong, Man-Yu Chu, Wen-Qi Shi, Xiang Li, Jian-Zhong He, Shao-Hong Wang, Zhi-Yong Wu, Dan-Xia Deng, Ya-Qi Zheng, Zhi-Mao Li, Xiu-E Xu, Lian-Di Liao, Yin-Wei Cheng, Li-Yan Li, Li-Yan Xu, En-Min Li.

Cell Death and Differentiation 2023 Feb; 30(2):527.

Application: Pull-Down, Recombinant proteins

- [Aurora-A controls pre-replicative complex assembly and DNA replication by stabilizing geminin in mitosis.](#)

Tsunematsu T, Takihara Y, Ishimaru N, Pagano M, Takata T, Kudo Y.

Nature Communications 2013 May; 4:1885.

Application: Func, Human, HeLa cells

Pathway

- [Cell cycle](#)
- [Ubiquitin mediated proteolysis](#)