

Product datasheet for **AR50890PU-S**

CYB5R1 (29-305, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CYB5R1 (29-305, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSLVRRSRR PQVTLLDPNE KYLLRLLDKT TVSHNTRFR FALPTAHTL GLPVGKHIYL STRIDGSLVI RPYTPVTSDE DQGYVDLVIK VYLGKVHPKF PEGGKMSQYL DSLKVGDWVE FRGPSGLLTY TGKGHFNIQP NKKSPPEPRV AKKLGMIAGG TGITPMLQLI RAILKVPEDP TQCFLLFANQ TEKDIILRED LEELQARYPN RFKLWFTLDH PPKDWAYSKG FVTADMIREH LPAPGDDVLV LLCGPPPMVQ LACHPNLDKL GYSQKMRFTY
Tag:	His-tag
Predicted MW:	33.8 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CYB5R1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_057327
Locus ID:	51706
UniProt ID:	Q9UHQ9
Cytogenetics:	1q32.1
Synonyms:	B5R.1; B5R1; B5R2; humb5R2; NQO3A2



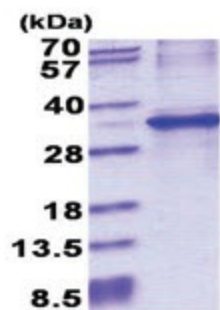
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Summary: NADH-cytochrome b5 reductases are involved in desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction. [UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Amino sugar and nucleotide sugar metabolism

Product images:



15% SDS-PAGE (3ug)