

Recombinant Human AKR1C4 protein, GST-tagged

Cat. No. AKR1C4-9534H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKR1C4 protein(1-323 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-323 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

MDPKYQRVELNDGHFMPVLGFGTYAPPEVPRNRAVEVTKLAIEAGFRHIDSAYLYN
NEEQVGLAIRSKIADGSKREDIFYTSKLWCTFFQPQMVQPALESSLKKLQLDYVDL
YLLHFPMAKLPGETPLPKDENGKVIFD TVDLSATWEVMEKCKDAGLAKSIGVSNFNY
RQLEMILNKPGLKYPVCNQVECHPYLNQSKLLDFCKSKDIVLVAHSALGTQRHKLW
VDPNSPVLLEDPVLCALAKKHKRTPALIALRYQLQRGVVVLAKSYNEQRIRENIQVFE
FQLTSEDMKVLDGLNRNYRYVMDFLMDHPDYPFSDEY

GENE INFORMATION
Gene Name

AKR1C4 aldo-keto reductase family 1, member C4 (chlordecone reductase; 3-alpha hydroxysteroid dehydrogenase, type I; dihydrodiol dehydrogenase 4) [Homo sapiens]

Official Symbol

AKR1C4

Synonyms

AKR1C4; aldo-keto reductase family 1, member C4 (chlordecone reductase; 3-alpha hydroxysteroid dehydrogenase, type I; dihydrodiol dehydrogenase 4); CHDR; aldo-keto reductase family 1 member C4; 3 alpha HSD; C11; CDR; DD4; HAKRA; MGC22581; 3-alpha-HSD1; dihydrodiol dehydrogenase isozyme DD4; type I 3-alpha-hydroxysteroid dehydrogenase; DD-4; 3-alpha-HSD;

Gene ID

1109

mRNA Refseq

NM_001818

Protein Refseq

NP_001809

MIM

600451

UniProt ID

P17516

SDS-PAGE

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