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Datasheet for ABIN7312374
HAO1 Protein (AA 1-370) (TRX tag,His tag)

Overview

Quantity:	50 µg
Target:	HAO1
Protein Characteristics:	AA 1-370
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAO1 protein is labelled with TRX tag,His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human HAO1 Protein is produced by our E. coli expression system and the target gene encoding Met1-Ile370 is expressed with a Trx, 6His tag at the N-terminus.
Sequence:	MSDKIIHLTD DSFDTDVLKA DGAILVDFWA EWCGPCKMIA PILDEIADEY QGKLTVAKLN IDQNPGTAPK YGIRGIPTLL LFKNGEVAAT KVGALSKGQL KEFLDANLAG SGSGMHMHHH HHSSGLVPRG SGMKETAALK FERQHMDSPD LGTDDDDKAM ADIGSMLPRL ICINDYEQHA KSVLPKSIYD YYRSGANDEE TLADNIAAFS RWKLYPRMLR NVAETDLSTS VLGQRVSMPI CVGATAMQRM AHVDGELATV RACQSLGTGM MLSSWATSSI EEVAEAGPEA LRWLQLYIYK DREVTKKLVR QAEKMGYKAI FVTVDTPYLG NRLDDVRNRF KLPPQLRMKN FETSTLSFSP EENFGDDSGL AAYVAKAIDP SISWEDIKWL RRLTSLPIVA KGILRGDDAR EAVKHGLNGI LVSNHGARQL DGVPATIDVL PEIVEAVEGK VEVFLDGGVR KGTDVLKALA LGAKAVFVGR PIVWGLAFQG EKGVDVLEI LKEEFRLAMA LSGCQNVKVI DKTLVRKNPL AVSKI
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Target Details

Target:	HA01
Alternative Name:	HA01 (HA01 Products)
Gene ID:	54363
UniProt:	Q9UJM8
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as a 0.2 µM filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.