

## Recombinant Human HAO1 Protein

Catalog #	Source	Reactivity	Applications
CRP1653	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	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.		
<b>Form</b>	Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.		
<b>Gene Symbol</b>	HAO1		
<b>Alternative Names</b>	GOX1; HAOX1; Hydroxyacid oxidase 1; HAOX1; Glycolate oxidase; GOX		
<b>Entrez Gene</b>	54363 (Human)		
<b>SwissProt</b>	Q9UJM8 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MSDKIIHLTD DSFDTDVLKA DGAILVDFWA EWCGPCKMIA PILDEIADEY QGKLTVAKLN            IDQNPGTAPK YGIRGIPTLL LFKNGEVAAT KVGALSKGQL KEFLDANLAG SGSGHMHHHH            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 EKGVQDVLEI LKEEFRLAMA LSGCQNVKVI DKTLVRKNPL AVSKI</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

**Storage/Stability** Store it at -20°C to -80°C for one year.

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