

Recombinant Full Length *Xenopus Tropicalis* Aspartate Beta-Hydroxylase Domain-Containing Protein 2(Asphd2) Protein, His-Tagged

Cat. No. RFL-32295XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus tropicalis</i> Aspartate beta-hydroxylase domain-containing protein 2(asphd2) Protein (B5DE73) (1-370aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Source	<i>E.coli</i>
ProteinLength	Full Length (1-370)
Form	Lyophilized powder
AA Sequence	MVWALPRTSSPSCIAPSYKPD SGWIKMSAEWLIDWSCLLNGLRDLIAGCIQAVRDCN SFALTTVICLLMLFAWYCYRVGKDQPRSPFATVNLLIQSSEAKGLQNGFAYCHSREC VRCTHNDGLNQKLYHNLQEYAKRYSWSGMGRIHKGIREQGGRYLNNRPSIQKPEVFF LPDLPTMPYFPRDAQKHDVELLEQNFATILSEFEAIYKAFSNCSLPQGWKVNSTPSG EWFTFYLVNQGV TIPS NCKKCPRTYRLLGNLRTFIGNNVFGNACISVLT PGTVITEHY GPTNIRIRCHLGLRIPGNCEL VVGGE PQCWAEGHCLLFDDSLHTAFHEGSAEEGP RVIFMVDLWHPNVAAAERQALDSIFAPGR
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	asphd2
Synonyms	asphd2; Aspartate beta-hydroxylase domain-containing protein 2
UniProt ID	B5DE73

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