

Recombinant Human CYP2A13 protein, His&Myc-tagged

Cat. No. CYP2A13-6335H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP2A13 protein(Q16696)(1-494aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-494a.a.
Tag	His&Myc
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	64.1 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MLASGLLLVTLACLTVMLMSVWRQRKSRGKLPPGPTPLPFIGNYLQLNTEQMYN
SLMKISERYGPVFTIHLGPRRVVVLCHDAVKEALVDQAEFSGRGEQATFDWLFK
GYGVAFSNGERAKQLRRFSIATLRGFGVGKRGIEERIQEEAGFLIDALRGTHGANIDP
TFFLSRTVSNVISSIVFGDRFDYEDKEFLSLLRMMLGSFQFTATSTGQLYEMFSSVM
KHLPGPQQQAFKELQGLEDFIAKKVEHNQRTLDPNSPRDFIDSFLIRMQEEKNPNT
EFYLKNLVMTTNLNFFAGTETVSTTLRYGFLLLMKHPEVEAKVHEEIDRVIGKNRQPK
FEDRAKMPYTEAVIHEIQRFGDMLPMGLAHRVNKDTKFRDFFLPKGTEVFPMLGSVL
RDPRFFSNPRDFNPQHFLDKKGQFKKSDAFVPFSIGKRYCFGEGLARMELFLFTTI
MQNFRFKSPQSPKDIDVSPKHVGFATIPRNYTMSFLPR

GENE INFORMATION

Gene Name CYP2A13 cytochrome P450, family 2, subfamily A, polypeptide 13 [Homo sapiens]

Official Symbol CYP2A13

Synonyms

CYP2A13; cytochrome P450, family 2, subfamily A, polypeptide 13; cytochrome P450, subfamily IIA (phenobarbital inducible), polypeptide 13; cytochrome P450 2A13; CPAD; CYP2A; cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 13; CYP1IA13;

Gene ID 1553

mRNA Refseq NM_000766

Protein Refseq NP_000757

MIM 608055

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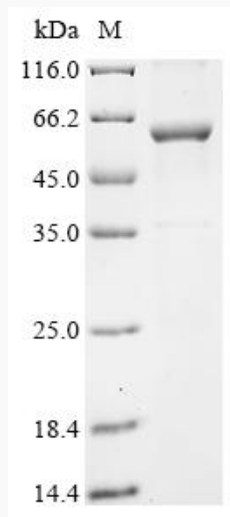
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UniProt ID

Q16696

SDS-PAGE



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