**To be filled by user:**

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| **DATE :**  |
| **Type of access to the platform:**Access to the facility for protein/RNA large scale Cell Free expression, under supervision of qualified platform engineer. Dedicated bench, optimised protocols, home-made cell-free extracts/enzymes and consumables are available to users.Feasibility trials provided by the Platform after validation of project (expression & solubility)User training for first large scale experimentAccess to the facility for large scale Cell Free expression (trained user)[x] **I have read the general conditions (platform website on www.isbg.fr)** |
| **Project Name**:       [ ]  RNA [ ] Protein => [ ]  Soluble [ ]  Membrane ([ ]  Oligomeric)**Seleno-Methionine required?** [ ]  Yes [ ] No**Isotopic labelling required?** [ ]  Yes [ ] No**If yes, precise the isotopic labelling :**[ ]  15N [ ]  15N, 13C *We can purpose, under collaboration, other options about cell-free expressions, as co-expression, expression with chaperonnes for difficult proteins (DsbC; Cpn10/60), Perdeuteration, or tricks to help you in your target protein expression.* |
| **People involved**: - Principal investigator (Name and affiliation):      [ ]  PSB [ ]  External => [ ]  Academic [ ]  Industrial- **Platform user, specify the applicant's name and affiliation (mandatory for validation)**      [ ]  PSB [ ]  External => [ ]  Academic [ ]  Industrial |
| **Name of the protein (NCBI Reference Sequence)**:      **Name of the RNA (NCBI Reference Sequence)** :      **Biohazard sample:** [x]  I certified my product sample is class I (if not, please contact us) |
| **ORGANISM**:       |
| **Biological context:**      **Experimental methods used for the study of the sample (NMR, X-Ray,...):**       |
| **Additionnal quality control (SDS/PAGE automatic)**:  [ ]  UV spectrum (RNA) [ ]  Western Blot anti HisTag (protein) |
| **Sequence of the protein or RNA**:       |
| **Type of the cDNA (matrix):** [ ]  Plasmid (Mandatory T7 promoter optimized for Cell-Free expression; pIVEX, pEXP)  [ ]  Lyophilized [ ] Liquid  Vector’s name: [ ] Oligonucleotides (with T7 promoter)[ ] Other, specify: *We need 10 µg @ 1µg/µl for DNA or 2,5 µg/µl for oligonucleotides**Your matrix will not be stored after trials****Please fill the "GMO agreement number" of your Institution :***  |
| **Availability of cDNA (specify the time needed to obtain it if the cDNA is not present in the Platform) and its characteristics**: [ ]  Already on the platform [ ]  Already in user lab [ ]  Cloning in progress |
| **Known characteristics of the desired sample (specify: function (enzyme), heme, paramagnetic centers, membrane protein, known partners (RNA, proteins, DNA, cofactors, ...):**      |
|   |
| **Previous results obtained by the user (specify E. coli: expression vector, expression level, conditions for production and purification, already performed isotopic labelling, structure ...):**       |

**Reserved for the platform:**

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| **Platform validation:**  [ ]  Yes [ ]  Delayed [ ]  No[ ]  Collaboration (to discuss) |

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| **Comments**: Receipt of the DNA: Date Name Storage: -20°CMàj: 03/02/2021 IMBERT |

Signature of user Signature of PF